PRODUCT GUIDE

AUTOMATION • LAB ESSENTIALS • SERVICE

2026

4 GILSON®

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ABOUT US

SUPPORTING SCIENTISTS FOR THREE GENERATIONS

Gilson is a family-owned global manufacturer of sample management and purification solutions for the life sciences industry. We help researchers advance the pace of discovery by creating easy-to-use lab devices that improve reproducibility and traceability. Since 1957, we've been developing innovative products, such as the first continuously adjustable-volume pipette, PIPETMAN®. By partnering closely with the scientific community, we have advanced our portfolio offerings, adding automated pipetting systems and sample separation instruments, plus intuitive software management capabilities. Backed by worldwide R&D, service, and support, Gilson strives to enable verifiable science and to make lab life easier for our customers.

ENABLING VERIFIABLE SCIENCE

Today, one of the biggest challenges facing scientists centers on verifiable data. Scientists need to trust that published conclusions are accurate and will stand the test of time. Trusted sample preparation is at the core of data accuracy and reliability. That's why we create instruments and services that help reduce errors and improve scientific results

We have been manufacturing reliable instruments for decades, like the legendary PIPETMAN®. When researchers use trusted, built-to-last tools, scientific experiments become more reproducible, the speed to discovery is faster, costs are reduced, and confidence grows.

Our Vision
Enabling verifiable science and making lab life easier for researchers.
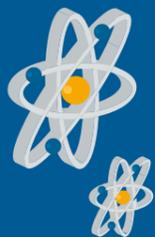
Our Mission
To partner with the scientific community and help researchers advance the pace of discovery by creating instruments and services that improve their results.

AUTOMATION: A GRADUAL TRANSITION

Automation does not have to be a drastic change; instead, it can be a gradual transition from manual to hybrid processes, eventually leading to full automation. We can assist you in shifting your manual tasks to automated ones while guiding you through the necessary changes to enhance your lab's productivity, traceability, and reproducibility. By following a comprehensive approach, we help labs transition to automation smoothly and efficiently, ultimately enhancing overall performance and scientific results.

CORPORATE RESPONSIBILITY

Gilson has been around for 75 years and counting, and sustainability is in our genes. Our involvement in protecting the environment extends to our financial resources, operations, employees, suppliers, customers, and the communities we live and work in daily.

From carefully designing our products to be greener, to protecting our environment through small changes in our daily work, you can be sure that sustainability is at the core of what we do. Our plastic manufacturing center has been awarded the EcoVadis Bronze Medal for Excellence in Environmental Responsibility, Social Laws, Business Ethics, and Supply Chain Management. We also maintain a number of initiatives that help us to give back to the amazing scientists in the field and support access to science for all. In addition to our initiatives at Gilson Plastics, our Gilson manual liquid handling site in Villiers-le-bel, France, received the "Committed Company" badge from EcoVadis for its sustainability practices.

BRONZE | Top 35%
ecovadis
Sustainability Rating
MAR 2025

[LEARN MORE]

A GLOBAL PRESENCE

We have an integrated network all over the world, along with a team of distributors to support you.

- Product Organization (PO)
- Market Organization (MO)
- Gilson Distributor

EXPERTISE FOR YOUR APPLICATIONS

For decades, we've been helping researchers advance their discoveries with easy-to-use, application-based lab tools that improve reproducibility and traceability.
Click below to search our diverse application library, using techniques such as liquid handling, sample extraction, and purification.

Bioassay Systems and Tools that Accelerate Discovery

High-quality bioassays start with precise and repeatable preparation. Whether you're validating an ELISA, building dose-response curves, or scaling to 384-well screens, consistent liquid handling helps you move through discovery faster and with greater confidence. Gilson's bioassay systems and tools support accurate, reproducible, and efficient assay setup so your team can generate results you trust.

LEARN MORE
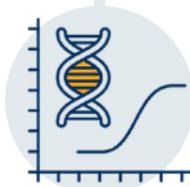
Confidence You Can Quantify for Every qPCR Workflow

Successful qPCR depends on precise setup, clean workflows, and consistent reaction prep. Gilson systems both manual and automated, support these requirements with tools that help you standardize plate loading, minimize contamination risks, and maintain reproducibility, whether you're preparing a few reactions or scaling to high-throughput automation.

LEARN MORE

Where Consistent NGS Prep Begins

Reliable sequencing depends on consistent library preparation. Automated magnetic bead–based cleanup, including workflows built on AMPure® XP methods, helps ensure high-quality libraries from the start. Gilson's automated systems support these steps with trusted precision and intuitive, no-coding software, giving your NGS workflow the reproducibility it needs to scale confidently.

LEARN MORE

FEATURED APPLICATIONS CONTENT

Article

Time Savings Using PIPETMAN® M96 in an ELISA Protocol

PIPETMAN® M96 streamlines ELISA workflows by reducing pipetting time by up to 70% compared to manual multichannel pipettes. Its semi-automated design simplifies plate washing and reagent addition, improving consistency and reducing repetitive strain for technicians. With faster protocols and higher throughput, PIPETMAN M96 offers a practical alternative to full automation, delivering efficiency, accuracy, and flexibility for busy labs. Ideal for teams looking to save time, boost productivity, and maintain reliable results without investing in large automated systems.

START READING

Application Note

Automation of the Agencourt® AMPure® XP PCR Purification System on PIPETMAX® 268

The AMPure® XP workflow is automated on PIPETMAX® 268 to streamline PCR cleanup for next-generation sequencing. Using SPRI magnetic beads, the method efficiently removes contaminants while isolating DNA fragments over 100 bp. When applied to E. coli K12 gDNA libraries, the system produced clean, high-quality fragments between 700–2000 bp. Users can tailor volumes, incubation steps, and washes to accommodate a wide range of laboratory requirements.

START READING

Application Note

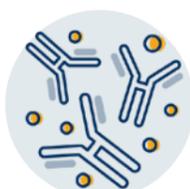### Automating Sample Cleanup Of Cocoa For Quantification Of Ochratoxin A Using Ochrarhone® Wide And ASPEC® 271

What if automating ochratoxin A testing in cocoa could improve both efficiency and confidence? Learn how a validated, fully automated workflow using ASPEC® 271 and OCHRARHONE® WIDE AUTO columns ensures precise, reproducible results while minimizing operator variability.

START READING

OEM CAPABILITIES

ORIGINAL EQUIPMENT MANUFACTURER PRODUCTS

Bring your ideas to market faster and with lower development and manufacturing costs by becoming an Original Equipment Manufacturer (OEM) partner with Gilson. We provide reliable and precise liquid handling components or complete systems that can be easily integrated into your core instrument, with support from a worldwide network you can depend on. Our philosophy is simple: build and support relationships that are as strong and reliable as our products.

Get to Market Faster with Our OEM Solutions

As a partner with Gilson, you will work closely with our research and development scientists and engineers and draw on their technical expertise to solve problems and develop your product. From proposal development to finished product and beyond, our team of experts is here to help you every step of the way.

Customization Capabilities

Draw on our proven experience and strong engineering and manufacturing capabilities to help develop your custom product. We offer expertise and assistance throughout the entire process—from development and integration of the product, to support and on-going training.

Bring Us Your Idea
- Liquid handling
- Instrumentation
- Plastics

Partner with Gilson
- Proposal Development
- Custom Branding
- Custom Product with Dedicated Gilson R&D Team

Fast Product Development
- Design, Integration, and Prototyping Testing
- Custom Packaging and Literature
- Gilson R&D Team

Your Project
- Custom Development Roadmap
- Cross-Functional Collaboration

Key Benefits
- Custom Products
- Modular Design for Easy Integration
- Software Control Options
- ISO 9001 Certified
- Fully Tested and Validated Product
- Regulatory Compliance
- Custom Branding
- Custom Packaging and Literature
- Outstanding Service and Support

Visit www.gilson.com to learn more about our OEM capabilities.

Highly Customizable Automated Liquid Handling Systems to Fit your Exact Needs

Gilson can provide standard liquid handling instruments to highly customized instrumentation across a wide variety of applications. Customization can be applied to simple, small components or to complete liquid handlers tailored to your unique specifications. Gilson has the liquid handling solutions to meet your requirements. Whether you want to aspirate, collect, dispense, inject, mix, or pump liquids, we can provide reliable, quality OEM products to fit your application.

LEARN MORE

Increase your Brand Awareness with Value Added Manual Liquid Handling Products

Gilson offers the ability to help increase your brand awareness with value added products. As an industry leader in manual pipetting, we can provide customized tools that deliver the precise control needed for accurate sample and reagent volume transfers. We offer a variety of pipettes in a range of ergonomic designs and volume sizes, as well as pipette controllers, tips, and accessories that enhance the pipetting experience and provide reproducible results. Our OEM/PL pipette is a genuine Gilson product providing the "Best Value" combination of quality, features, service, and price. Additionally, our Account Managers can help you align your company vision with product offerings that can be customized to increase your recognition in the market.

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Automate Your Kits Through a Value Added Partnership (VAP)

The Value Added Partnership (VAP) is a shared cooperation in which Gilson maintains ownership of installation and support at your customers' sites. Our VAP option is ideal for reagent manufacturers who wish to offer a complete, automated assay method to their customers without investing in sales or hardware support. In a VAP, you will work with our technical team to automate your method and validate your protocol on a specified Gilson liquid handling system. This shared cooperation allows you to benefit from our technical expertise and global coverage while increasing your kit and consumable revenue.

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AUTOMATE YOUR LAB YOUR WAY

WORKING IN PARTNERSHIP TO ACHIEVE YOUR GOALS

Choose Gilson as your partner in the journey to add automation to your laboratory workflows. Let us help take the stress out of daily, time-consuming, tedious processes so you can focus on more value-added tasks.

Our wide range of solutions covers a variety of techniques, from sample handling to purification and extraction. Supported by flexible and intuitive software packages, your sample integrity is assured in terms of traceability, preservation, and provenance.

Our extensive support network is always on hand to provide applications assistance, instrument calibration, maintenance and repair.

Let Gilson guide you in evolving your processes to improve the accuracy and reliability of your results.

SAMPLE HANDLING

SAMPLE PURIFICATION

SOLID PHASE EXTRACTION

Supporting your Transition to Automation

Harness Gilson's expertise to help you transition from your manual methods to hybrid or fully automated processes, removing the anxiety associated with change. Our scientific experts are locally positioned to advise and implement a level of automation suited to your situation. Our application scientists can help you design your ideal solution using their knowledge of automating manual processes, the unmatched flexibility of our platforms and our ability to provide bespoke solutions just for you.

REQUEST MORE INFORMATION

AUTOMATION

Sample Handling

THE EASIEST STEP TO AUTOMATION

Gilson liquid handling tools deliver the precise control you need for sample and reagent volume transfers, ensuring reproducible results while making life in the lab easier. From Chemical and Industrial applications requiring robust chemical compatibility to Life Science applications requiring zero cross-contamination, Gilson is uniquely positioned to provide optimized solutions, and you can keep on using your standard labware and consumables.

LIQUID HANDLERS

Gilson liquid handling tools deliver the precise control you need for sample and reagent volume transfers, ensuring reproducible results while making life in the lab easier. Beginning with the legendary PIPETMAN® technology, our liquid handling tools have evolved with your needs. We offer completely automated liquid handling systems.

GX-271 Liquid Handler

The GX-271 Liquid Handler is a small footprint, medium capacity liquid handler and autosampler. This system offers small-to-large volume injection, fraction collection, and liquid handling capabilities. Its optional dynamic syringeless pumping system is capable of delivering microliters to hundreds of milliliters, with no change in hardware.

LEARN MORE

GX-274 Liquid Handler

The GX-274 Liquid Handler increases the throughput and efficiency of liquid transfers, serial dilutions, and other common tasks by processing up to four samples in parallel.

LEARN MORE

GX-281 Liquid Handler

This GX-281 Liquid Handler provides a versatile, large capacity platform that can be configured for injection, fraction collection, and re-injection as part of a semi-preparative or preparative HPLC purification system. With optional accessories, it can also be used as a flexible liquid handler for performing a wide variety of automated, unattended liquid handling applications.

LEARN MORE

gx-271

LIQUID HANDLER

GX-271 Liquid Handler delivers a compact footprint with medium-capacity automation for liquid handling and autosampling. Designed for versatility, it supports small- to large-volume injections, fraction collection, and advanced liquid handling workflows. With the optional dynamic syringeless pumping system, GX-271 can dispense anything from microliters to hundreds of milliliters without any hardware changes.

Innovative Injection Modules

The mid-throughput GX-271 can be equipped with the GX Direct Injection Module for seamless injections into HPLC or LC/MS systems. Its advanced injection port connects directly to the injection valve, significantly reducing void volume and minimizing carryover typically caused by calibrated tubing. This design supports a wide injection range—from 2 μL up to 25 mL. All injection valves feature a continuous flow-path design, ensuring system flow remains uninterrupted even during valve transitions from load to inject. This maintains stable pressure and consistent flow throughout your analysis.

Versatile, Space-Saving Design

Occupying just 23 inches of linear bench space, the GX-271 delivers an ideal balance of compact size, performance, and capacity. On-bed reservoirs provide access to up to four solvents without sacrificing rack positions. Its modular layout supports Code 20-, 200-, and 34X-series racks and accommodates a wide variety of tubes, vials, and microplates—adapting effortlessly to your laboratory's workflow.

Tools and Resources

Reference Guide: Probe Reference Guide

DOWNLOAD

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Advanced, Flexible Software Control

TRILUTION® Software enables multiple liquid-handling applications on a single system. Optimize workflows by processing samples in batch or sequential mode and accelerate method development through multiple elution options and parallel solvent testing. This powerful software ensures efficiency, flexibility, and precise control across a range of laboratory applications.

LIQUID HANDLING PUMPS

Gilson provides loading systems, allowing for sample transfers and other liquid handling tasks. These reliable systems can fit in any automated liquid handling platform or in HPLC semi-preparative and preparative systems.

MINIPULS® 3 Peristaltic Pump

High Performance Liquid Transfer

High-performance, low-pulse, peristaltic pump with interchangeable pump heads for delivering a diverse variety of liquids. Six different channel and flow rate configurations are available:

- Four standard models (1, 2, 4, or 8 channels): 0.3 µL/min to 30 mL/min
- Two high flow models (2 or 4 channels): 1 mL/min to 220 mL/min

LEARN MORE

VERITY® 4X20 Syringe Pumps

4020 Single, 4120 Dual with Tee, 4220 Dual

VERITY Syringe Pumps Provide Speed and Reliability

- Performs small- and large-volume, repetitive liquid transfers
- Available in single, dual, and dual syringe with tee configurations
- Compatible with all Gilson liquid handlers

LEARN MORE

GX Prep Solvent System

Bi-Directional Pump for the GX-271 and GX-281 Liquid Handlers

The GX Solvent System can switch from aspirate to dispense mode and can deliver liquids at flow rates up to 50 mL/min.

It can accommodate up to five different reservoir solvents.

LEARN MORE

verity® 4120

The VERITY® 4120 Dual with Tee Syringe Pump is equipped with two syringes that are user-selectable. The capacity of the left syringe must be greater than or equal to the right syringe. The instrument includes one valve to direct liquid from reservoir or probe (on the left) and a tee connected via junction tubing (on the right). Single syringe and standard dual (no tee) models are also available. The VERITY 4120 Dual with Tee Syringe Pump assures accuracy in sample transfers, dilutions, reagent additions, mixing, and other liquid handling tasks. It offers speed and reliability for liquid handling tasks.

VERITY® 4120 Dual with Tee Syringe Pump

Technical Specification	Definition
Communication	USB
Dimensions (W x D x H)	22.6 x 17.1 x 26.9 cm (8.9 x 6.7 x 10.6 in.)
Precision	1%
Syringe Capacity	100 µL, 250 µL, 500 µL, 1 mL, 5 mL, 10 mL, or 25 mL
Software Control	PC control via USB and TRILUTION® LH or TRILUTION® LC Software
Tee	**Type:** Three port, no moving parts **Diameter of channels:** 1.5 mm **Length of channels:** 14 mm **Angle between channels:** 120° **Liquid contact material:** PEEK **Dead volume:** 51 µL
Volumetric Accuracy	±2% (10%–90% syringe capacity, water)
Weight	6.8 kg (15.0 lbs.)

VERITY® 4120 Dual with Tee Syringe Pump

Description	Part Number
VERITY® 4120 Dual with Tee Syringe Pump	31130002

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minipuls® 3

The compact MINIPULS® 3 Peristaltic Pump is a high-performance, low-pulse, peristaltic pump with interchangeable pump heads for delivering a variety of liquids—from biological to chemical. Six different channel and flow rate configurations are available.

Low-Pulse Liquid Transfer

Utilizing positive-displacement pump technology, liquid flows nearly pulse-free as a result of ten stainless steel rollers. MINIPULS 3 produces smooth flows with excellent accuracy and precision, even at high flow rates.

Flow Rates to Meet Your Needs

With a choice of six quickly interchangeable pump heads, you'll have a wide range of flow rates to use for your applications.

- Four standard models (1, 2, 4, or 8 channels): 0.3 µL/min to 30 mL/min
- Two high flow models (2 or 4 channels): 1 mL/min to 220 mL/min
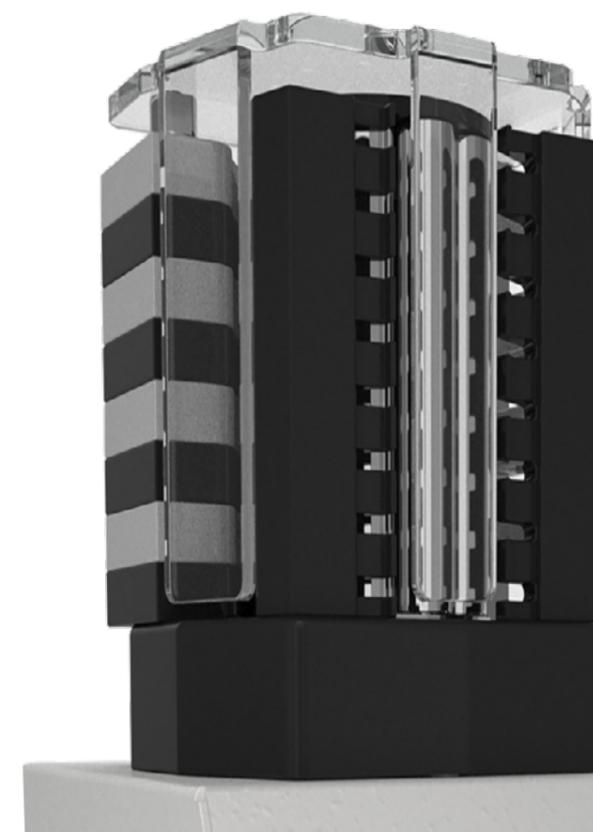
Easy to Operate

MINIPULS 3 is easy to install, simple to operate, and easy to maintain. With a simple keypad control and easy-to-read LCD screen, start/stop, flow direction, increase/decrease flow rate, and prime functions are easily accessible. Remote start/stop is also possible.

Select the Right Tubing

The most suitable material according to your sample's chemical compatibility.

- Contains a large variety of internal diameters to reach desired flow rates.
- Features appropriate connectors and extension tubing.

TUBING FOR R1, R2, R4, R8, PUMP HEADS
Length = Approximately 40 cm (16 in.)

Material	Internal Diameter (mm)	Reference Tubing (Calibrated Tubing)	Color Coded Stops		Extension Tubing 3 m (118 in.)	Connectors	Maximum Flow Rate (mL/min)
PVC	0.25	F117932	orange	blue	F117952	F117985	0.4
	0.38	F117933	orange	green	F117953	F117986	0.7
	0.51	F117934	orange	yellow	F117954	F117986	1.4
	0.76	F117936	black	black	F117956	F117987	2.1
	1.02	F117938	white	white	F117958	F1179941	4.1
	1.30	F117940	white	white	F117960	F1179941	6.2
	1.52	F117942	yellow	blue	F117962	F1179941	9.1
	1.65	F117943	blue	blue	F117963	F1179941	10.5
	2.06	F117945	purple	purple	F117965	F1179941	15.7
	2.29	F117946	purple	black	F117966	F1179941	19.7
	2.79	F117948	purple	white	F117968	F1179951	23.2
	3.18	F117949	black	white	F117969	F1179951	29.0
Iso-Versinic® or Viton®	0.5	F1817741	black	black	F117740	F117986	1.8
	1.0	F1817743	black	black	F117742	F1179941	4.0
	2.0	F1817745	black	black	F117744	F1179941	12.6
	3.0	F117747	black	black	F117746	F1179951	27.3
	4	F117749	black	black	F117748	-	33.0
Silicone	0.64	F1825111	orange	white	F1825131	F117987	1.5
	1.02	F1825112	white	white	F1825132	F1179941	4.1
	2.06	F1825113	purple	purple	F1825133	F1179951	14.7
	2.79	F1825114	purple	white	F117975	F1179951	22.8
Santroprene™ or PharMed®	0.51	F1825101	orange	yellow	F1825121	F117986	1.4
	1.02	F1825102	white	white	F1825122	F1179941	4.8
	2.06	F1825103	purple	purple	F1825123	F1179941	15.0

TUBING FOR R2HF & R4HF HIGH FLOW PUMP HEADS
Length = 3 m (118 in.)

Material	Internal Diameter (mm)	Reference Tubing (Calibrated Tubing)	Maximum Flow Rate (mL/min)
PVC	2.06	F117965	24
	2.29	F117966	29
	2.79	F117968	41
	3.16	F117969	49
	4.0	F117970	75
	5.0	F117980	113
	6.0	F117981	163
	8.0	F117982	213
Iso-Versinic® or Viton®	2.0	F117744	23
	3.0	F117746	48
	4.0	F117748	86
	6.0	F117750	181
Silicone	2.0	F1825133	25
	3.0	F117975	44
	4.0	F117976	71
	5.0	F117977	115
	6.0	F117978	150
	7.0	F117979	220
Santroprene™ or PharMed®	2.0	F1825123	25
	3.2	F1825124	53
	6.4	F1825125	171

MINIPULS 3

Description	Part Number	Maximum Flow Rate	Number of Channels
Pump Module MINIPULS 3	F155001	-	-
R1 Pump Head	F117604	up to 30 mL/min	1
R2 Pump Head	F117800	up to 30 mL/min	2
R4 Pump Head	F117606	up to 30 mL/min	4
R8 Pump Head	F117608	up to 30 mL/min	8
R2/HF Pump Head (High Flow)	F117830	up to 220 mL/min	2
R4/HF Pump Head (High Flow)	F117831	up to 220 mL/min	4

SHOP NOW

Tools and Resources

Technote: TN222 Autosampler for Spectrophotometric Analysis

DOWNLOAD

ACCESSORIES

OPTIMIZE YOUR INSTRUMENTATION

Complementing durable and flexible instruments, Gilson accessories optimize instrumentation to fit application requirements for the ultimate solution.

VALVEMATE® II Valve Actuator

Increase the Flexibility of Your System

- Extends the capability of any chromatography or liquid handling system by offering options for solvent selection, column switching, and sample trapping
- Wide variety of valves, available in stainless steel or in biocompatible materials
- Fully controlled either via keypad or by TRILUTION® LC and LH Software

LEARN MORE

Orbital Shaker

The Orbital Shaker is specifically designed for on-line or off-line liquid handling, vortexing, and mixing. It is a fully functional, stand-alone instrument. This compact shaker fits on one rack position of a GX-281 Liquid Handler bed. The shaker provides a range of customer-controlled shaking (20 to 720 rpm), allowing vortexing on various vessel sizes and sample volumes.

Compatible with a Wide Range of Racks

The Orbital Shaker is compatible with all Code 200-series racks. A single rack attaches easily using set screws; rack placement is accurately guided by locator pins.

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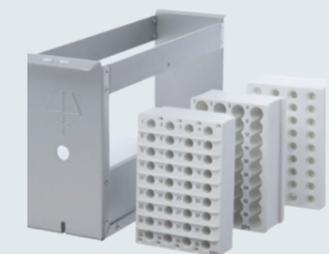
Racks

Gilson offers standard and custom SPE racks to meet the needs of any and all applications. A variety of vessels can be accommodated including tubes, vials, or microplates.

Standard and Custom Racks

Gilson offers standard and custom racks to meet the needs of any application. A variety of vessels can be accommodated, including tubes, vials, microplates, and microchips.

RackCount™ System

RackCount System overlays add numbering patterns to rack positions allowing you to quickly and easily locate specific samples or collected fractions on the bed of Gilson liquid handlers. The overlays are available in serpentine or non-serpentine numbering patterns.

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PIPETMAX® RANGE

From compact to high-capacity, these precision-engineered platforms streamline bioassays, qPCR, and NGS workflows, delivering reproducible results and hands-free efficiency.

PIPETMAX® 268

PIPETMAX® 268 is a compact, benchtop automated pipetting platform designed for low- to medium-throughput workflows such as bioassays, qPCR plate prep, and NGS library preparation. With a small footprint and familiar, pipette-based operation, it's well suited for labs adopting automation without adding complexity. PIPETMAX 268 delivers reliable, repeatable liquid handling for core sample prep steps while fitting easily into existing laboratory spaces.

PIPETMAX® 278

PIPETMAX® 278 is a higher-capacity automated pipetting platform built for medium- to high-throughput applications that demand greater scalability and walkaway automation. Its expanded bed capacity supports parallel processing and more complex assay layouts, making it ideal for labs running larger batch sizes or increasingly sophisticated bioassay, qPCR, and NGS workflows. PIPETMAX 278 enables labs to increase throughput and automation depth as workflow demands grow.

Shared Capabilities

Both systems deliver accurate, reproducible liquid handling using standard PIPETMAN® DIAMOND Tips to reduce variability and maintain consistency across manual and automated steps. Each platform supports unattended operation and can be configured with optional accessories including magnetic bead racks, heating, shaking, chilling, and UV/HEPA protection, allowing labs to tailor automation to their applications while maintaining flexibility as workflows evolve.

VIEW COMPATIBLE TIPS

PIPETMAX® APPLICATION-BASED WORKSTATIONS

CHOOSE THE RIGHT PLATFORM FOR YOUR WORKFLOW

This guide helps you quickly identify the best PIPETMAX® system for your application, based on throughput, deck capacity, and workflow complexity.

BIOASSAYS

PIPETMAX® 268 Bioassay / PIPETMAX® 278 Bioassay

PIPETMAX® 268 Bioassay and PIPETMAX® 278 Bioassay systems provide precise, low-volume automated pipetting for bioassays such as ELISAs, dose-response curves, and IC_{50} assays in 96- and 384-well formats. By automating workflows that are difficult to perform reproducibly by hand, they reduce variability while increasing consistency and throughput. Using standard PIPETMAN® DIAMOND Tips and built-in tip intelligence, the systems can be configured with optional temperature control modules to support automated, unattended assay preparation across a wide range of bioassay workflows.

LEARN MORE

qPCR PLATE PREP

PIPETMAX® 268 qPCR / PIPETMAX® 278 qPCR

PIPETMAX® 268 qPCR and PIPETMAX® 278 qPCR configurations deliver accurate and consistent automation for qPCR reaction setup and normalization workflows. Designed to protect sensitive assays, they support UV/HEPA filtration and guided setup tools such as the qPCR Assistant and Normalization Assistant to streamline plate preparation and reduce the risk of human error. With optional thermal, shaking, and chilling modules, the systems can be configured as unattended liquid handling platforms that help safeguard assay integrity while simplifying and standardizing qPCR workflows.

LEARN MORE

NGS LIBRARY PREP

PIPETMAX® 268 NGS / PIPETMAX® 278 NGS

PIPETMAX® 268 NGS and PIPETMAX® 278 NGS configurations provide automated magnetic bead-based cleanup for consistent, high-quality NGS library preparation workflows. Designed to automate AMPure® XP–based cleanup steps, they help reduce variability and hands-on time while improving reproducibility in sequencing-ready libraries. With intuitive, no-coding software and optional heater, shaker, and chiller modules, the systems can be configured as flexible, unattended solutions for a wide range of NGS preparation workflows, from low-throughput to higher-throughput applications.

LEARN MORE

Contact your local Gilson sales representative to learn more about PIPETMAX application-based workstations.

pipetmaX® 268 | pipetmaX® 278

PRE-CONFIGURED APPLICATION-BASED WORKSTATIONS FOR AUTOMATING YOUR BIOASSAYS

Reliable bioassays start with precise, low-volume pipetting, something that's difficult to achieve by hand. PIPETMAX® 268 Bioassay and PIPETMAX® 278 Bioassay systems automate ELISAs, dose-response curves, IC_{50} assays, and 96-/384-well workflows to reduce variability and deliver more reproducible data with less hands-on time.

Bioassay Automation that Accelerates Discovery

Standard PIPETMAN® DIAMOND Tips and automatic built-in tip intelligence optimize tip selection and usage depending on your protocol. This efficiency helps keep consumable costs low while maintaining the precision your assays require. With walk-away setup and flexible programming, your team can run more plates and focus on interpreting results, not preparing them.

Plus, you're never doing it alone. Real Gilson scientists provide personalized training and workflow optimization so your assay automation performs reliably from day one and continues to scale with your research.

PIPETMAX® 268

Key Benefits

- Example protocols included to help you start quickly
- Accurate low-volume dispensing that is difficult to achieve reproducibly manually
- Built-in tip intelligence optimizes tip usage to maintain speed and reduce consumable costs
- Uses standard PIPETMAN® DIAMOND Tips; no proprietary automation tips
- Optional heater, shaker, and chiller modules for improved mixing and temperature control
- Personalized support from real Gilson scientists for configuration, optimization, and scale-up

PIPETMAX® 278

BIOASSAY SYSTEM INCLUDES:
- Two interchangeable pipette heads
- Tip reload blocks
- Selection of tube racks
- TRILUTION® micro Software
- Tip starter pack

Technical Specifications

	PIPETMAX 268	PIPETMAX 278
Volume Range	1–200 µL	1–200 µL
Bed Capacity	9 positions	16 positions
Dimensions (W × D x H)	54.4 x 65.5 x 53.1 cm	95 x 68.4 x 58 cm
Weight	24.9 kg	68 kg
Tip Type	PIPETMAN® DIAMOND Tips	PIPETMAN® DIAMOND Tips
Target Throughput	Low throughput	High throughput
Pipette Heads	Two interchangeable heads (MAX8x20, MAX8x200)	Two interchangeable heads (MAX8x20, MAX8x200)
Software	TRILUTION® micro Software	TRILUTION® micro Software

Volumetric Specification for Transfers

Pipette Head	Volume of Distilled Water	Maximum Permissible Errors			
		Systematic Error (µL)	Random Error (µL)	Systematic Error (%)	Random Error (%)
MAX8x20	1 µL	±0.08	≤0.05	8.00	5.00
	10 µL	±0.15	≤0.10	1.50	1.00
	20 µL	±0.25	≤0.12	1.25	0.60
MAX8x200	20 µL	±0.50	≤0.16	2.50	0.80
	100 µL	±1.00	≤0.30	1.00	0.30
	200 µL	±2.00	≤0.50	1.00	0.25
MAX4x1200	50 µL	±4.00	≤0.70	8.00	1.40
	120 µL	±4.00	≤0.70	3.33	0.58
	600 µL	±6.00	≤1.50	1.00	0.25
	1200 µL	±9.60	≤1.80	0.80	0.15

Optional Accessories

PIPETMAX 268 Bioassay	PIPETMAX 278 Bioassay
PIPETMAX 268 Riser off-bed tip disposal	PIPETMAX 278 Riser off-bed tip disposal
Magnetic bead rack	Magnetic bead rack
Heater/Shaker	Heater/Shaker/Chiller
PIPETMAX 268 UV/HEPA module kit	PIPETMAX 278 UV/HEPA module kit
Interchangeable head MAX4x1200 (1200 µL)	Interchangeable head MAX4x1200 (1200 µL)
Protocol Builder Software	Protocol Builder Software

LEARN MORE ABOUT PIPETMAX 268 BIOASSAY   **LEARN MORE ABOUT PIPETMAX 278 BIOASSAY**

pipetmaX® 268 | pipetmaX® 278

PRE-CONFIGURED APPLICATION-BASED WORKSTATIONS FOR AUTOMATING qPCR

Your results deserve more than "good enough." qPCR is too important to leave to chance, and PIPETMAX® 268 qPCR and PIPETMAX® 278 qPCR deliver the precision and consistency only automation can provide. Built on the same trusted PIPETMAN® accuracy scientists rely on, these configurations help protect sensitive workflows and remove the variability that comes with manual pipetting.

Confidence You Can Quantify With Automation Designed For qPCR

Every setup becomes simpler and more repeatable with tools designed specifically for qPCR. UV/HEPA protection helps safeguard your assays, while validated methods and guided setup tools—such as the qPCR Assistant—streamline plate preparation for users of all experience levels. The additional Normalization Assistant further reduces the risk of human error and stress by automating dilution and normalization steps.

When you need support, you are never on your own. Real Gilson scientists and application specialists are available to provide training, workflow optimization, and protocol guidance.

PIPETMAX® 268

PIPETMAX® 278

Key Benefits

- UV/HEPA protection helps reduce contamination risk and maintain a clean qPCR environment
- Automatic built-in tip intelligence minimizes unnecessary tip usage while maximizing speed and efficiency
- Optional chilling module helps preserve reagent integrity for sensitive workflows
- Optional thermal and shaking modules support temperature-sensitive and mixing-dependent steps
- Flexible programming options to fit your workflow, including:
  - ▶ Validated qPCR protocol for immediate, reliable setup qPCR Assistant for guided, step-by-step preparation
  - ▶ Normalization Assistant for automated dilution and normalization
  - ▶ Optional Protocol Builder for fully customized methods

qPCR SYSTEM INCLUDES:
- Two interchangeable pipette heads
- Tip reload blocks
- Selection of tube racks
- UV/HEPA filtration module
- Underbed tip disposal unit
- TRILUTION® micro Software
- Tip starter pack

Technical Specifications

	PIPETMAX 268	PIPETMAX 278
Volume Range	1–200 µL	1–200 µL
Bed Capacity	9 positions	16 positions
Dimensions with Riser and UV/HEPA (W × D x H)	64 x 73.5 x 108 cm	95.0 x 68.4 x 109.9 cm
Weight with Riser and UV/HEPA	106 kg	118 kg
UV/HEPA	Kit, PIPETMAX 268 UV/HEPA module	Kit, PIPETMAX 278 UV/HEPA module
Tip Type	PIPETMAN® DIAMOND Tips	PIPETMAN® DIAMOND Tips
Target Throughput	Low throughput	High throughput
Pipette Heads	Two interchangeable heads (MAX8x20, MAX8x200)	Two interchangeable heads (MAX8x20, MAX8x200)
Software	TRILUTION® micro Software	TRILUTION® micro Software

Volumetric Specification for Transfers

Pipette Head	Volume of Distilled Water	Maximum Permissible Errors			
		Systematic Error (µL)	Random Error (µL)	Systematic Error (%)	Random Error (%)
MAX8x20	1 µL	±0.08	≤0.05	8.00	5.00
	10 µL	±0.15	≤0.10	1.50	1.00
	20 µL	±0.25	≤0.12	1.25	0.60
MAX8x200	20 µL	±0.50	≤0.16	2.50	0.80
	100 µL	±1.00	≤0.30	1.00	0.30
	200 µL	±2.00	≤0.50	1.00	0.25
MAX4x1200	50 µL	±4.00	≤0.70	8.00	1.40
	120 µL	±4.00	≤0.70	3.33	0.58
	600 µL	±6.00	≤1.50	1.00	0.25
	1200 µL	±9.60	≤1.80	0.80	0.15

Optional Accessories

PIPETMAX 268 qPCR	PIPETMAX 278 qPCR
Magnetic bead rack	Magnetic bead rack
Heater/Shaker	Heater/Chiller/Shaker
Interchangeable head MAX4x1200 (1200 µL)	Interchangeable head MAX4x1200 (1200 µL)
Protocol Builder Software	Protocol Builder Software

LEARN MORE ABOUT PIPETMAX 268 QPCR   **LEARN MORE ABOUT PIPETMAX 278 QPCR**

pipetmaX® 268 | pipetmaX® 278

PRE-CONFIGURED APPLICATION-BASED WORKSTATIONS FOR AUTOMATING NGS PREP

Reliable sequencing starts with consistent, high quality preparation, and that's where automation makes a meaningful difference. Library prep is often tedious, stressful, and prone to variability, especially during magnetic bead–based cleanup. PIPETMAX® 268 NGS and PIPETMAX® 278 NGS simplify these steps by automating the magnetic bead cleanup used in AMPure® XP bead–based workflows, helping you build consistent, sequencing-ready libraries every time.

Automated NGS Library Prep You Can Trust

Flexibility and ease of use are built into the workflow with example magnetic bead cleanup protocol you can tailor to your SOPs, supported by intuitive, no-coding software that any scientist can operate. Optional heater, shaker, and chiller modules give your lab the temperature and mixing control needed during critical ligation, resuspension, and enzymatic steps without adding complexity.

With Gilson, you will never automate alone. You get more than an instrument, you get real scientists who have run these workflows themselves, ready to help configure, optimize, and scale your library prep. Choose Gilson when your sequencing results depend on prep you can trust.

PIPETMAX® 268

PIPETMAX® 278

Key Benefits

- Includes an AMPure® clean up method with adjustable parameters to match your SOPs
- Automatic built-in tip intelligence to optimize tip usage and reduce unnecessary consumption
- Standard PIPETMAN® DIAMOND Tips; no costly proprietary automation tips
- Intuitive, no-coding software designed for scientists of all experience levels
- Bonus software wizards for qPCR and normalization plate preparation

NGS SYSTEM INCLUDES:
- Two interchangeable pipette heads
- Tip reload blocks
- Tube racks
- Underbed tip disposal unit
- Magnetic bead rack
- TRILUTION® micro Software
- Tip starter pack

Technical Specifications		
	PIPETMAX 268	**PIPETMAX 278**
Volume Range	1–200 µL	1–200 µL
Bed Capacity	9 positions	16 positions
Dimensions with Riser (W × D x H)	54.4 x 65.5 x 69.6 cm	95.0 x 68.4 x 74.4 cm
Weight with Riser	33.52 kg	73 kg
Tip Type	PIPETMAN® DIAMOND Tips	PIPETMAN® DIAMOND Tips
Target Throughput	Low throughput	High throughput
Pipette Heads	Two interchangeable heads (MAX8x20, MAX8x200)	Two interchangeable heads (MAX8x20, MAX8x200)
Riser	Off-bed tip disposal	Off-bed tip disposal
Rack Type	Magnetic bead rack	Magnetic bead rack

Volumetric Specification for Transfers					
Pipette Head	**Volume of Distilled Water**	**Maximum Permissible Errors**			
		Systematic Error (µL)	Random Error (µL)	Systematic Error (%)	Random Error (%)
MAX8x20	1 µL	±0.08	≤0.05	8.00	5.00
	10 µL	±0.15	≤0.10	1.50	1.00
	20 µL	±0.25	≤0.12	1.25	0.60
MAX8x200	20 µL	±0.50	≤0.16	2.50	0.80
	100 µL	±1.00	≤0.30	1.00	0.30
	200 µL	±2.00	≤0.50	1.00	0.25
MAX4x1200	50 µL	±4.00	≤0.70	8.00	1.40
	120 µL	±4.00	≤0.70	3.33	0.58
	600 µL	±6.00	≤1.50	1.00	0.25
	1200 µL	±9.60	≤1.80	0.80	0.15

Optional Accessories	
PIPETMAX 268 NGS	**PIPETMAX 278 NGS**
Interchangeable head MAX4x1200 (1200 µL)	Interchangeable head MAX4x1200 (1200 µL)
Heater/shaker	Heater/chiller/shaker option
PIPETMAX 268 UV/HEPA module kit	PIPETMAX 278 UV/HEPA module kit

LEARN MORE ABOUT PIPETMAX 268 NGS

LEARN MORE ABOUT PIPETMAX 278 NGS

extractmaX™

PIPETMAX® 268 + EXTRACTMAN® = EXTRACTMAX™

EXTRACTMAX combines the tried-and-tested automation of Gilson's personal pipetting robot, PIPETMAX 268, with a manual, innovative magnetic bead extraction platform, EXTRACTMAN. A novel magnetic head is covered with a disposable bead capture strip that protects it from contamination, while a custom-designed plate provides a series of wells for the sample, three washes, and a final elution. Up to four samples can be treated in parallel.

Move Beads, Not Liquids – This is How it Works:

- The novel magnetic head captures the beads and moves them through a series of wash solutions
- Bind, wash, elute, and concentrate your molecule of interest in a single process
- Faster, gentler washing preserves weak interactions between molecules
- Capture weak binding molecules without disrupting unknown interactions
- Discover proteins you didn't know existed

How it Works

Move Beads, Not Liquids

- The novel magnetic head captures the beads and moves them through a series of wash solutions
- Bind, wash, elute, and concentrate your molecule of interest in a single process
- Faster, gentler washing preserves weak interactions between molecules
- Capture weak binding molecules without disrupting unknown interactions
- Discover proteins you didn't know existed

BIND   WASH   ELUTE

5 seconds   5 seconds per wash   5 seconds

HIGH-YIELD, HIGH-PURITY ISOLATIONS
extractmaX™

WATCH VIDEO

LEARN MORE

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extractman®

A NOVEL PLATFORM FOR TARGET PROTEIN ISOLATION

EXTRACTMAN® offers a fast and gentle paramagnetic beads-based approach to isolating target proteins and is ideal for isolating elusive, weakly-bound protein complexes critical to protein interaction research.

Identifying Weak Proteins Interactions

Co-immunoprecipitation (Co-IP) is a common technique for observing protein-protein interactions; however, weakly-or transiently-bound species often go undetected as aggressive or repeated wash steps can result in a loss of these interactions. EXTRACTMAN differs from traditional magnetic bead-based co-IP techniques by using Exclusion-based Sample Preparation (ESP™) technology, making it ideal for capturing weakly bound protein complexes without exposing them to high shear forces from. Paired with non-porous magnetic beads, EXTRACTMAN enables high-yield, high-purity isolations without the need for long washing steps.

WATCH VIDEO

Rapid Isolation

EXTRACTMAN® uses surface tension and hydrophobic properties for ESP™-based extraction. This process gently and rapidly pulls bead-analyte complexes from sample to a series of washes and elute enriched and purified target compounds excluding unbound contaminants in a matter of seconds.

Ergonomic and Easy-to-Use

Slide-based extraction gently moves four samples in parallel through isolation with a simple slide of the handle. EXTRACTMAN has been used to rapidly isolate mRNA, DNA, and proteins from crude extracts using an assortment of commercial kits and reagent.

EXTRACTMAN®	
Description	**Part Number**
EXTRACTMAN® STARTER KIT	22100000
EXTRACTMAN® Bead Capture Strip - 25 pack	22100007
EXTRACTMAN® 15 μl Extraction Plate - 25 pack	22100008

SHOP NOW

Tools and Resources

Application Notes, Articles, Technical Notes: EXTRACTMAN Learning Hub

DOWNLOAD

Sample Purification

A SMARTER WAY FORWARD: FLEXIBLE PURIFICATION SOLUTIONS

The goal of chromatographic purification is to achieve high recovery and obtain target compounds with high purity in the shortest time possible. Oftentimes with purification systems, you have to sacrifice one of the three (either purity, yield, or throughput) in order to achieve the best results for the other two parameters. However, with our systems, components, and software, the flexibility to create a purification system best suited to your needs allows you to find the balance between the three biggest pain points in purification.

Our solutions are dependable, flexible, and precise, and we're happy to help find the one that's right for you.

SCALING UP YOUR SYSTEMS, FROM RESEARCH TO PRODUCTION

INSTRUMENTS	EXPERTISE	SERVICES
We offer high performance liquid chromatography manual and automated solutions, available through purchase or leasing.	We secure your investment by providing expert advice, either from our application labs or in your lab.	From standard maintenance, qualification, and service, we guarantee the performance of your equipment.

Achieve accurate, reliable results with our purification chromatography systems and solutions.

Purify
- Isolate active ingredients or analytical standards with a high degree of purity
- Isolate impurities for further characterization

Fractionate
- Global partition of an extract to identify active compounds from sub-groups
- Partition to remove non-desirable molecule(s) from a complex mixture

Polish
- Increase purity of an already relatively pure compound

Capture
- Enrich a targeted compound from a large volume sample

Desalt
- Removal of salts from previous purification steps

High Performance Liquid Chromatography (HPLC) or Cartridge Based

Sample constituent are separated based on their relative affinities for the mobile phase and the solid stationary phase.

LEARN MORE

PREP LC SOLUTIONS

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

Preparative high performance chromatography (prep HPLC or LC) plays a crucial role in many industries. Prep LC is used to isolate and purify desired compounds, removing impurities and contaminants that can affect the quality and performance of the end product. This is particularly important in industries where high-purity chemicals are required, such as the production of specialty chemicals, fine chemicals, pharmaceutical intermediates, and active ingredients (API).

VERITY® 271 HPLC System | VERITY® 281 HPLC System

High Throughput Purification Solutions for library building
- Large number of samples and fractions with VERITY® 271 and VERITY® 281 platforms (10 to 100s)
- Automated purification workflow including method screening, scout runs, purification runs, and fraction reinjection
- Open access capabilities
- Capability to use multiple HPLC columns with ID up to 50 mm

Automation – Flexibility – Open access

LEARN MORE ABOUT VERITY® 271

LEARN MORE ABOUT VERITY® 281

Productivity Range	Column ID (mm)	Standard Flow Rate (mL/min)	ASPEC System	30X System	322 Pump	VERITY 3240 150 mL Pump
Micro Fractionation Desalting	Cartridge	N/A	X			
Micro Preparartive	4.6	0.8-1		5-10-25SC HEADS	H1-H2 HEADS	
Semi Preparative	10	3-5		10-25SC HEADS	H1-H2 HEADS	X
Semi Preparative	20	18-20		25-50SC HEADS	H2 HEAD	X
Semi Preparative	30	40-45		50SC HEAD		X
Preparative	50	100-120				X

To learn more about our Liquid Chromatography HPLC solutions, visit www.gilson.com.

PEPTIDE PURIFICATION

PURIFICATION SYSTEMS FOR ANY PEPTIDE PURIFICATION METHOD

Gilson offers instruments and expertise that encompass a variety of peptide purification workflows.

VERITY® 271 LCMS System
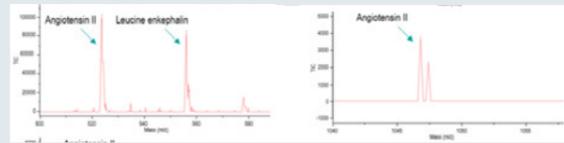
Mass-Based Peptide Purification

The VERITY 271 LCMS system combines the power of High-Performance Liquid Chromatography (HPLC) with Mass Detection (MS) for conditional fraction collection.

Initial screening for peptide purification can be done using smaller columns for scouting, and then the LC optimized conditions can be scaled up, allowing researchers to target a specific peptide for purification. In addition, with UV-VIS detection, the optional single quad VERITY 1920 MS Detector with electrospray ionization (ESI) or atmospheric pressure chemical ionization (APCI) ion sources supports targeted fractions collection using selected ion monitoring (SIM) channels.

With a mass range of 10-2000 m/z, the VERITY 1920 MS helps you easily detect large molecules such as peptides and small proteins. Many biomolecules carry multiple charges with electrospray ionization so that even proteins of several tens of kDa can be measured within the 2,000 m/z range.

The method takes advantage of the software's powerful conditional fraction collection feature, which simultaneously combines UV-VIS signals and up to five MS channels to improve selectivity and purity.

LEARN MORE

ASPEC® 274 System

Parallel Cartridge-Based Purification
Desalting for Proteomics

The peptides can be desalted after cell lysis and protein digestion using a 4-probe positive pressure Gilson ASPEC® 274 System, typically with C18 1 mL solid phase extraction columns prior to LCMS/MS analysis.

Small Length Oligonucleotide Purification

The small length oligonucleotides can be purified on cartridges. The parallel purification allows for higher throughput.

LEARN MORE

OLIGONUCLEOTIDE PURIFICATION

FLEXIBLE AND HIGH THROUGHPUT PURIFICATION OF OLIGONUCLEOTIDES

After the cleavage and deprotection steps, the purification of oligonucleotides is done by Ion pairing reversed phase (IP-RP) or ion exchange (IEX) liquid chromatography. After purification, the fractions are desalted by Size Exclusion Chromatography (SEC – Gel Filtration). This ideal purification system is able to deliver consistent and precise gradients to allow impurity removal while achieving a high-level recovery at various scales.

Purification

Analysis

Buffer Exchange – Desalting
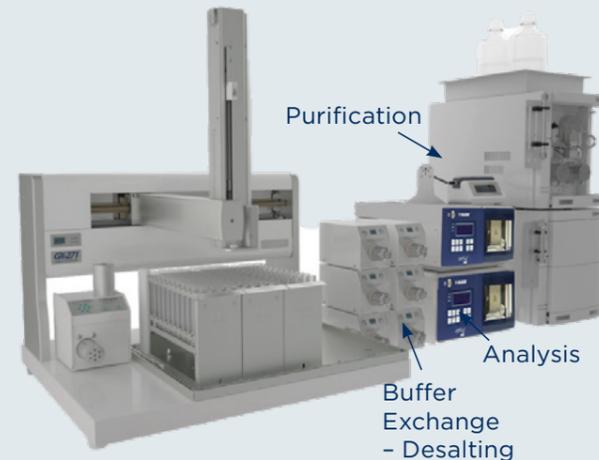
VERITY® Oligo Purification System

Purify and Control Oligonucleotides in One Continuous Production Run

With the VERITY® Oligo Purification System, you can now have a single platform for continuous purification and analysis of reagent-grade oligonucleotides then desalting of the controlled fractions.

A Single System to Save Space and Money

The VERITY Oligo Purification System can be configured to your needs and budget from a secure and robust purification platform up to a continuous production of oligonucleotides that can be operated 24 hours a day, 6 or 7 days a week.

LEARN MORE

Tools and Resources

Application Notes: VERITY® Oligonucleotide Purification System: Streamlined Purification of Assay-Ready Oligonucleotides by Automated HPLC

DOWNLOAD

TRILUTION® LC Software

TRILUTION LC Software is a user-friendly software for controlling our high-pressure liquid chromatography systems and automated liquid handling instruments. TRILUTION LC provides fraction collection capabilities, conditional logic collection, accurate fraction simulation, graphical drag-and-drop user interface, and graphical sample tracking. Built-in, software-based error handling conditions for each process stage can be customized for fully automated, unattended operation without fear of sample loss.
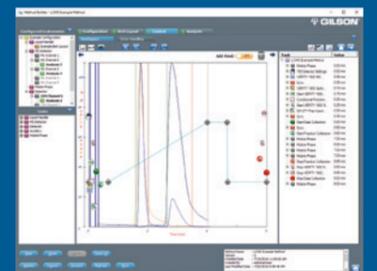
HIGH PRESSURE PUMPS

Gilson offers unsurpassed flexibility in pumping systems with an extensive product range and accommodations.

VERITY® 3011 Isocratic Pump

Ideal Pumping Solution for Chemical Reaction in Petroleum Applications, and GPC Cleanup in Environmental Applications

- High-pressure rating, up to 8700 psi (600 bar), for accommodating industrial level applications
- Quick-connect pump heads for simple maintenance and reduced downtime
- Flow rates from 10 µL/min to 10 mL/min and integrated touchscreen controller for convenient, stand-alone operation

LEARN MORE

305 HPLC Pump
306 HPLC Pump

Cost-Effective, Dependable Pumping Solution

- Available in isocratic, binary, and ternary configurations
- Interchangeable pump heads to accommodate flow rates from 10 µL/min to 200 mL/min at pressure up to 8700 psi (600 bar), depending on the pump head

LEARN MORE

322 HPLC Pump

Binary High Pressure Gradient Pump for Analytical to Semi-Preparative HPLC

- Accommodates flow rates from 0.30 mL/min up to 30 mL/min at pressures up to 4350 psi (300 bar)
- Compatible with HPLC columns from 4.6 to 20mm ID
- Variable high-pressure dynamic mixer

LEARN MORE

VERITY® 3240 Pump

Premiere High Performance Binary Gradient Pump for Semi-Preparative to Preparative Chromatography

- Large flow rate up to 150 mL/min and pressure range up to 6090 psi (420 bar)
- Designed to effectively work with preparative HPLC columns from 10 mm to 50 mm ID
- Ideal for high-throughput purification chromatography allowing for scaling up purification from milligrams up to tens of grams

LEARN MORE

333/334 HPLC Pumps

High Flow Binary Gradient Pump for Preparative HPLC

- Accommodates flow rates up ranging from 1 mL/min to 200 mL/min at pressures up to 3040 psi (210 bar) using columns up to 50 mm ID
- Features a variable-volume, dynamic mixer for optimized high pressure gradient performance

333 HPLC PUMPS LEARN MORE   **334 HPLC PUMPS LEARN MORE**

verity® 3011

MAKE YOUR LAB LIFE EASIER

The VERITY® 3011 Isocratic Pump is an innovative liquid delivery solution for chemical reaction monitoring in petroleum applications and for gel permeation chromatography (GPC) cleanup in environmental and food and beverage testing applications.

Simple Head Changing

The VERITY 3011 Isocratic Pump features a virtually pulse-free, stable solvent flow rate, ensuring stable flow delivery to detectors, and allowing for a wider range of application capabilities on one pump. The pump also features an easily interchangeable quick-connect pump head, making maintenance simple and reducing costly downtime.

The reproducibility and accuracy in reactions when using this pump, coupled with its low operation and maintenance costs, makes the VERITY 3011 Pump an ideal choice for many laboratories that pursue improved results and are trying to minimize costs, operators, and downtime.

The VERITY 3011 Isocratic Pump offers a stand-alone pumping system with high valued features:

- Quick-connect pump heads for easy installation, and simple maintenance
- High pressure rating for accommodating industrial level applications in the petroleum industry
- Integrated touchscreen controller for convenient, stand-alone operation
- Compact and stackable design that fits easily into a refrigeration unit or a fume hood
- Flow rates from 0.01 to 10 mL/min, depending on the pump head, and pressures of up to 8702 psi (600 bar)

VERITY® 3011 Pump	
VERITY 3011 Pump	38114001
PUMP HEADS	
Description	**Part Number**
5 SS Pump Head Assembly (Stainless Steel)	38014217
10 SS Pump Head Assembly (Stainless Steel)	38014216

LEARN MORE

verity®

3240

The VERITY® 3240 High Pressure Binary Gradient Pump is designed for semi-preparative to preparative purification. It provides an economical and compact pumping solution for preparative purification.

Purify With Confidence

The VERITY 3240 Pump delivers reproducible and precise elution gradients to achieve repetitive isolations of targeted compounds with Gilson high-throughput purification platforms.

Scale Up Capabilities

The VERITY 3240 Pump has been designed to effectively work with preparative HPLC columns from 10 mm to 50 mm ID allowing for scaling up purification from milligrams up to tens of grams on the same Gilson automated purification platform.

Workhorse in the Laboratory

The large flow rate up to 150 mL/min and pressure range up to 6090 psi (420 bar) allows the VERITY 3240 Pump to cover most semi-preparative to preparative HPLC purification needs.

Safe and Efficient

The VERITY 3240 Pump has an optional leak detector to secure purifications. Optional inlet solvent selectors for up to four solvents per head support high throughput purification on different column types or for column regeneration.

VERITY® 3240 ACCESSORIES	
Description	Part Number
1 Large Solvent Bottle Tray	21044034
2 Narrow Solvent Bottle Tray	21044035
3 Column Holder, 2 Col.	21044037
4 VALVEMATE II Holder	21044038
5 Manual Injection. Valve Holder	21044039
6 Rinse Pump	21044040
7 Leak Sensor	21044004
8 Solvent Selectors, 2x2 In, V3240-150	21044001
9 Solvent Selectors, 2x4 In, V3240-150	21044002

LEARN MORE

DETECTORS

Gilson offers a complete line of HPLC detection solutions that are ideal for analytical, semi-preparative, and preparative HPLC applications.

VERITY® 1741 UV-VIS Detector

UV-VIS Diode Array Detection

With a large selection of flow cells for semi-preparative to preparative purification (up to 700 mL/min), the reliable and versatile VERITY® 1741 UV-VIS Detector is coupled with the power of multiple-wavelength scanning range from 200 nm to 800 nm

LEARN MORE

VERITY® 1920 Mass Spectrometer

Mass Detection

- High detection sensitivity and selectivity for compounds purification thus improving time to discovery
- With a mass range of 10-2000 m/z, the VERITY 1920 MS helps you detect small to large molecules such as peptides and small proteins easily
- Available with either electrospray ionization (ESI) or atmospheric pressure chemical ionization (APCI) ion source

LEARN MORE

VERITY® 1601 ELS DETECTOR

- Evaporative Light-Scattering Detection is a nearly-universal and powerful detection mode for liquid chromatography
- Commonly used as a complementary option to UV-Vis detection when analytes do not possess any chromophore
- The VERITY 1601 ELSD features a specific nebulizer, for the needs of preparative HPLC and flash chromatography
- Low-temperature evaporation leveraging semi-volatile or thermally labile compounds detectability

LEARN MORE

VERITY® 1810 Conductivity and pH Monitor

Conductivity and pH Detection

- The VERITY 1810 Monitor is an integrated conductivity sensor and an external optional pH sensor, ideal for pH dependent purifications

LEARN MORE
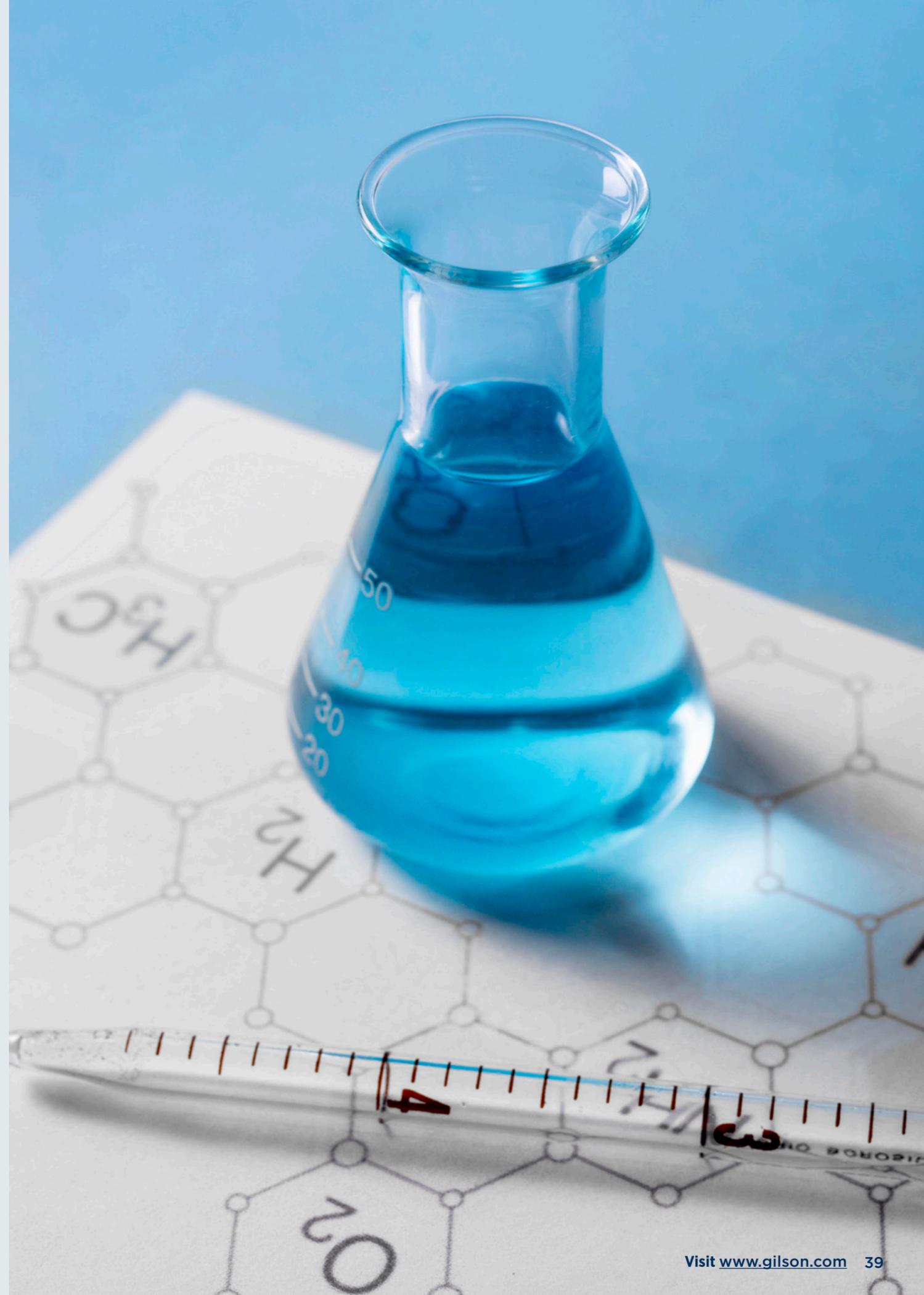
Solid Phase Extraction

FLEXIBLE, EASY-TO-USE SOLID PHASE EXTRACTION SOLUTIONS

Solid phase extraction (SPE) has become the technique of choice for sample isolation/cleanup and trace enrichment before analysis due to its numerous benefits which include versatility, selectivity, and low solvent usage. The SPE process is based on a selective partition of the compounds of interest between a solid phase, the sorbent, and a liquid phase—the solvent.

Manual SPE procedures can be labor intensive and subject to human error, delays, or sample loss. These challenges have led to the development of automated SPE instruments that were pioneered by Gilson. We offer a variety of solid phase extraction systems using positive pressure and consumables that are adjustable based on your needs and can seamlessly integrate into your lab.

SOLID PHASE EXTRACTION

ANALYTICAL WORKFLOWS AND CLEANUP TECHNOLOGIES FROM SAMPLING TO DETECTION

Analysis workflows typically follow several key stages: sampling, homogenization, extraction, cleanup, detection, and quantification. The cleanup stage is critical for ensuring that trace-level analytes can be reliably detected in complex matrices.

Sampling	Extraction	Isolation Cleanup	Concentration	Analytical Chromatography Separation	Quantification
Ochratoxin A in Cereal and Spices	Liquid Extraction (Water/Methanol)	Immuno-Affinity Chromatography	NA	HPLC	Fluorescence
Paralytic Shellfish Toxin in Marine Snail	Liquid Extraction (Acidified Water at 100°C)	SPE (Graphitized Carbon)	NA	HPLC	MS/MS
PAHS in Dry-Cured or Smoked Meat Products	Hydrolysis and Liquid Extractions	SPE (Silica)	Evaporation	UHPLC	Fluorescence
Acrylamide in Seaweed Bread	Liquid Extraction (Water)	SPE (Mixed Module C18/SCX)	NA	UHPLC	MS/MS
Lipids Classes of Dairy Products after Digestion	Lipid Extraction	Fractionation (NLs, PLs, FFAs) by SPE (NH2)	Evaporation	GC (After Derivatization)	MS

Large Volume Water Analysis

ASPEC® 274 Large Volume System
• High throughput system for small- to large-volume SPE automation
• Process four samples in parallel
• Up to 32 samples on 3 mL and 6 mL cartridges
• Segregated aqueous and organic waste
• Compatible with LLE cleanup

LEARN MORE

Gilson's Guide to SPE Automation
This guide is both a resource and step-by-step troubleshooting handbook. This guide provides a background for the technique and explains the science of solid phase extraction (SPE). It also offers practical advice for automating workflows via Gilson SPE systems and software.

DOWNLOAD

Food Safety Analysis

ASPEC® 271 System
• Ultimate versatility system for basic and advanced SPE automation for 1 to 20 samples per day
• Bed capacity: up to 108 samples on 1 mL cartridges, 60 on 3 mL, and 48 on 6 mL
• Optional dual syringe for accurate transfer down to 10 µL
• Optional injection for direct UHPLC or LC integration
• Compatible with Gel Permeation Chromatography (GPC), liquid-liquid extraction (LLE), and Supported Liquid Extraction (SLE) cleanup applications

LEARN MORE

ASPEC® 274 System
• High throughput system for basic and advanced SPE automation for 10 to 100 samples per day
• Process four samples in parallel
• Bed capacity: up to 108 samples on 1 mL cartridges, 60 on 3 mL, and 48 on 6 mL
• Compatible with MIP and SLE cleanup

LEARN MORE

Immuno-Affinity Columns (IAC) Automation

TRILUTION® LH Software has been specifically designed to support the specificities of IAC extraction, with the ability to improve interactions between the gel and the samples or the solvents to improve recoveries and reproducibility.

Mycotoxins

Gilson partners with R-Biopharm Rhône to deliver a seamless, automated cleanup workflow. By combining R-Biopharm Rhône IAC columns with Gilson's ASPEC® 271 and ASPEC® 274 systems, we are enabling faster, more consistent sample prep. With joint technical support, optimized methods, and dedicated system configurations, we are delivering more than a product — we are giving customers confidence, efficiency, and the freedom to focus on what matters most.

Per- and Polyfluoroalkyl Substances (PFAS)

Gilson's ASPEC Systems are listed as an example of an automation solution in the Annex V2.0 to the Guidance Document on Analytical Parameters for the Determination of Per- and Polyfluoroalkyl Substances (PFAS) in Food and Feed from the European Union Reference Laboratory for POPS (EURL POPs).

Application Note

AUTOMATING SAMPLE CLEANUP OF CEREALS AND SPICES FOR QUANTIFICATION OF OCHRATOXIN A

What if automating food safety testing didn't mean sacrificing accuracy? See how Gilson's ASPEC® 271 and R-Biopharm Rhône's OCHRARHONE® WIDE AUTO columns simplify ochratoxin A testing in cereals and spices. This validated, fully automated workflow delivers precise, reproducible results while freeing your team from tedious manual cleanup.

LEARN MORE

aspec®

PPM

IMPROVE MANUAL SPE REPRODUCIBILITY

With a uniform and consistent flow rate, the ASPEC® Positive Pressure Manifold (PPM) improves solid phase extraction (SPE) reproducibility and recovery, even with high viscosity samples. It integrates easily into your lab's workflow and provides a fast and simple way to prepare samples for subsequent analysis by chromatography.

Compact and Easy to Set Up for Quick Operation

With its small footprint and only a single gas input, the ASPEC PPM is quick to set up and easily fits under fume hoods for extractions that use volatile solvents.

Positive Pressure for Reproducible Extractions

With its integrated pressure gauge and intuitive controller, the manifold provides better flow control among samples and between runs than traditional vacuum manifolds, providing greater confidence in your data. Positive pressure ensures that all samples will elute regardless of the viscosity level.

Parallel Clean Up

Compatible with both popular SPE cartridges and 96-well plates, the ASPEC PPM performs parallel extractions to increase throughput and productivity.

Optimize Workflow Throughput

By combining the ASPEC PPM with PIPETMAN® multichannel pipettes or PLATEMASTER® for 96-well SPE plates, get the guarantee of accurate and fast sample management and extraction.

One Unit, Four Formats

The base module is compatible with ASPEC SPE cartridges (1, 3, and 6 mL) and 96-well SPE plates for a high-throughput cleanup.

ASPEC® Positive Pressure Manifold	
Description	**Part Number**
ASPEC® PPM Base Unit	37012000
ASPEC® PPM Manual SPE Installation Kit	37417010

LEARN MORE

Tools and Resources

User Guide: Gilson Guide to SPE Automation

DOWNLOAD

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aspec®

274

The ASPEC® 274 System for positive pressure solid phase extraction (SPE) maximizes throughput by processing up to four samples in parallel. With its small footprint and multiple probes, it is the ideal choice for high-throughput SPE automation on 1, 3, or 6 mL cartridges. Combined with ASPEC® SPE Cartridges, it generates reproducible and efficient sample cleanup for clinical, forensic, doping, food, and environmental testing labs.

Parallel Processing for Maximum Efficiency

Four-probe Z-arm enables processing of four samples in parallel, increasing throughput and efficiency.

Positive Pressure for Reproducible Extractions

Positive pressure extraction with a unique sealing cap design increases reproducibility from sample to sample. The syringe pump delivers accurate volume dispensing at a reproducible flow rate.

Smart Design for Maximized Performance

Mobile rack technology enables multiple fractions elution and extractions per sample and additional fractions transfer in closed vials after SPE.

Intuitive Error Handling for Trusted Results

The syringe pump pressure-sensing module provides error handling for high cartridge pressure or clogged liquid lines and monitors pressure on each fluid path individually. Innovative jet wash rinse stations minimize carryover and cross contamination.

Versatile Software Control for Optimized Productivity

TRILUTION® LH Software allows for multiple liquid handling applications such as liquid-liquid extraction (LLE) and SPE on the same ASPEC system. Optimize throughput and efficiency by processing samples in either batch or sequential mode. Perform multiple elution and parallel solvent testing to quickly automate and optimize method development.

TRILUTION® LH Software

TRILUTION® LH Software is a comprehensive software package for seamless automation of all liquid handling (LH) and solid phase extraction (SPE) methods.

With its intuitive interface, simple drag-and-drop method creation, and application simulation, it combines flexibility and ease-of-use.
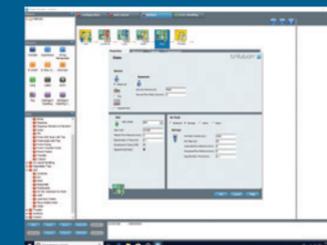
Tools and Resources

Application Notes: Automated Solid Phase Extraction of Benzodiazepines from Urine Using the Gilson ASPEC® 274 System

DOWNLOAD

LEARN MORE

aspec®

SPE CARTRIDGES

CONSISTENT PERFORMANCE, RELIABLE RESULTS

Get more reliable results with ASPEC® SPE Cartridges, ready-to-use, high-quality silica, and polymer cartridges. The ASPEC SPE Cartridges are available with ASPEC caps for cost-effective, automation-ready use on ASPEC automated solutions.

Key Features of Pre-Capped Cartridges for ASPEC Automation

- Run cartridges right out of the box, saving valuable time with no need for manual capping
- Remove potential health concerns with repetitive manual operations
- Run samples faster
- Prevent run stopping due to improperly installed caps
- Competitively priced versus uncapped cartridges with separated caps

Highly Selective Solutions

High performance solid phase extraction sorbents based on specific polymers or molecularly imprinted polymers (MIP) for sample cleanup before chromatographic analytical methods. AFFINIMIP® SPE and AttractSPE™ are now available pre-capped for ASPEC automation.

Mycotoxins
Aflatoxins, Ochratoxin A, Patulin, ZON, DON

Pesticides
Glyphosate and Ampa Multi-Residues

Endocrine Disruptors
PFAs, Bisphenol A, PAHs

Drug Residues
Chloramphenicol and Nitrofurans, Amphetamines, Tetracyclines

Desalting
Peptides

ASPEC SPE Cartridges - Retention Mechanisms Selection

Sample properties, such as matrix type and compounds of interest solubility and polarity give a good starting point to identify the recommended sorbent and retention mechanism:
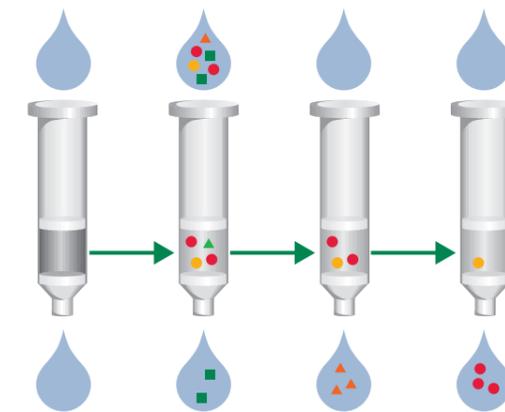
Analyte is soluble in			Analyte polarity	Recommended phases (SILICA BASED - POLYMERIC)
Aqueous	Sample Matrix Type	Aqueous	Non polar	ASPEC C18, ASPEC C8, ASPEC C4, ASPEC PHENYL, ASPEC CYCLOHEXYL, ASPEC DVB
			Non polar/ Moderately polar	ASPEC C18 NEC, ASPEC C8, ASPEC C4, ASPEC CYANO, ASPEC HLB
			Polar	ASPEC CYANO, ASPEC ACT. CARBON
		Aqueous/Organic	Cationic/Basic	ASPEC SCX, ASPEC SCX-2, ASPEC WCX
			Cationic/Basic (Neutral)	ASPEC X-SCX, ASPEC X-WCX
			Anionic/Acid	ASPEC SAX, ASPEC SAX-2, ASPEC WAX, ASPEC WAX-2
			Anionic/Acid (Neutral)	ASPEC X-SAX, ASPEC X-WAX
		Organic	Non polar	ASPEC C18, ASPEC C8, ASPEC C4, ASPEC PHENYL, ASPEC CYCLOHEXYL, ASPEC DVB, ASPEC HLB
Organic		Aqueous	Non polar	ASPEC C18, ASPEC C8, ASPEC C4, ASPEC PHENYL, ASPEC CYCLOHEXYL, ASPEC DVB, ASPEC HLB
			Cationic/Basic	ASPEC SCX, ASPEC SCX-2, ASPEC WCX
			Cationic/Basic (Neutral)	ASPEC X-SCX, ASPEC X-WCX
			Anionic/Acid	ASPEC SAX, ASPEC SAX-2, ASPEC WAX, ASPEC WAX-2
			Anionic/Acid (Neutral)	ASPEC X-SAX, ASPEC X-WAX
		Organic	Moderately polar	ASPEC SILICA, ASPEC FLORISIL, ASPEC ALUMINA, ASPEC CYANO, ASPEC DIOL NEC
			Polar	ASPEC CYANO, ASPEC DIOL NEC

SHOP NOW

verity®

GPC CLEANUP

GPC Cleanup is a simple but efficient clean-up technique to eliminate matrix effect and preserve your GC or LC column life by discarding high molecular weight interfering substances contained in sample extracts and recovering analytes of interest into a pure fraction of solvent. The VERITY® GPC Cleanup system is a fully automated cleanup system which makes it an ideal tool to minimize risks to the users and improve reproducibility.

Fully Automated System to Improve Efficiency and Reliability

GPC post-extraction cleanup is typically used prior to analysis of contaminants such as pesticides, semi-volatiles, PAHs and PCBs, and pharmaceuticals in environmental samples, food products, and animal tissue

High Capacity
- Automated cleanup of up to 80 sample extracts

Complete Workflow Integration
- Large choice of racks for sample extracts and different evaporation vessels into which compounds are collected

Compliance with Government Agency Guidelines and Methods
- Meets government requirements for GPC cleanup – USEPA, USDA, USFDA, USGS, USDI, Centers for Disease Control (CDC), Canadian Food Inspection Agency (CFIA), European Union (EN 1528, 12393, DFG S19), AOAC International, etc.
- An optional VERITY® 1741 UV-Vis Detector (200-800 nm) is available to ensure GPC column calibration in compliance with GPC post-extraction guidelines when requested

High Flexibility
- Compatible with various columns from low pressure glass columns to higher pressure Stainless steel columns with the VERITY® 3011 Isocratic Pump (up to 10 mL/min, 600 bar (8702 psi))
- Can also be used for other chromatography applications as an Isocratic HPLC system from analytical to semi-preparative scale

Sample Integrity
- The septum piercing capability option can maintain the integrity of a sample extract by using closed tubes
- Overfill of the sample loop is not required, which helps to conserve the sample
- Independent flow paths between injection and fraction collection avoids cross contamination

All Under TRILUTION® LC Software Control: Easy to Use with Built-in GPC Method

The VERITY GPC System is controlled by the powerful TRILUTION LC software which contains pre-programmed methods for GPC post-extraction cleanup. The software error handling and shutdown methods help to minimize solvent waste and sample loss.
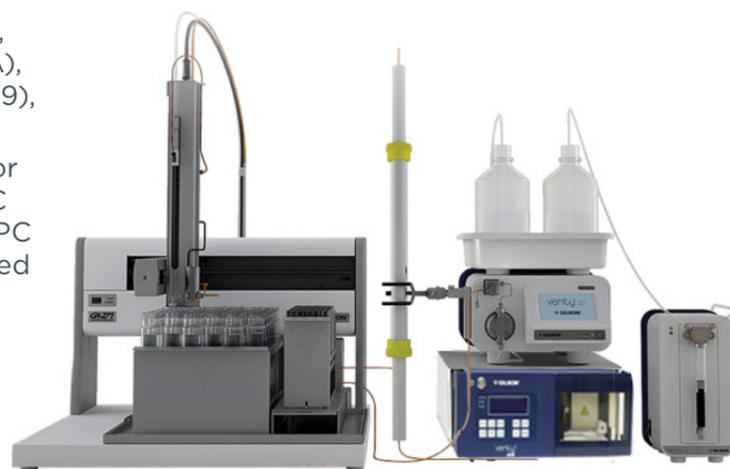
The VERITY® GPC Cleanup System is configured with a GX-271 Liquid Handler equipped with a 3-way collection valve, GX Direct Injection Module, VERITY® 4020 Single Syringe Pump, VERITY® 3011 Isocratic Pump, TRILUTION® LC Software, and an optional VERITY® 1741 UV-VIS Detector

LEARN MORE

Gilson SupaTop™

SYRINGE FILTERS

CLARIFY YOUR SAMPLES AND EXTEND THE LIFE OF YOUR ANALYTICAL SYSTEMS

For sample volumes up to 100 mL, the range of Gilson SupaTop™ Syringe Filters provides a quick, convenient, and reliable method of clarifying liquids intended for further analysis, such as HPLC injection to combat particulate clogging of columns.

Gilson SupaTop Syringe Filters are available in two sizes, 13 or 25 mm, each with a choice of porosity of 0.22 µm or 0.45 µm.

Maintain Sample Integrity

- Pigment-free and sealant-free polypropylene housing
- HPLC-certified filters with low levels of UV-absorbing extractables

Save Time and Avoid Error

- Color-coded syringe filters to quickly identify membrane and porosity used
- High burst strength and durable construction

A Membrane for All Your Needs

- The filter membrane should not interfere with the sample or bind proteins or other macromolecules
- The table at right provides a good starting point to identify the type of membrane used by application

MEMBRANE APPLICATIONS

Application	Membrane Type
(U)HPLC solvents	PTFE or Nylon
Aqueous solution	All except PTFE
Iconic chromatography	PES or PTFE
Protein analysis	PES or PVDF
Environmental and food analysis	PTFE or Nylon
Clinical or toxicological analysis	PES
ICP/AAS metals analysis	PES or Nylon
Cell or Tissue culture media	PES

Membrane	Properties	Color Code	Pore Size	13 mm Diameter		25 mm Diameter	
				Part No.	Pack of	Part No.	Pack of
PES	Polyethersulfone (PES) is widely used for the clarification of biological samples. This low binding membrane is able to resist surfactants and hydrocarbon oils but is not suitable for use with low-polar organic solvents or aromatic hydrocarbons.		0.2 µm	ANR1322 / ANR1322D	100 / 1000	ANR2522 / ANR2522C	100 / 500
			0.45 µm	ANR1345 / ANR1345D	100 / 1000	ANR2545 / ANR2545C	100 / 500
MCE	Mixed Cellulose Esters (MCE) contain a blend of cellulose acetate and nitrocellulose fibers providing a more resilient membrane than CA for aqueous-based filtration. Higher binding than pure CA.		0.2 µm	ANM1322 / ANM1322D	100 / 1000	ANM2522 / ANM2522C	100 / 500
			0.45 µm	ANM1345 / ANM1345D	100 / 1000	ANM2545 / ANM2545C	100 / 500
NYLON	Polyamide (Nylon) is a popular membrane with superior chemical compatibility as compared to CA or MCE. Able to filter aqueous or mild organic solvents, this membrane is naturally hydrophilic with low extractables.		0.2 µm	ANN1322 / ANN1322D	100 / 1000	ANN2522 / ANN2522C	100 / 500
			0.45 µm	ANN1345 / ANN1345D	100 / 1000	ANN2545 / ANN2545C	100 / 500
PVDF	Polyvinylidene Fluoride (PVDF) exhibits great chemical resilience being non-reactive to many solvents, acids, and bases. Appreciated for its low protein binding properties this membrane is used in biological sciences and its wide chemical compatibility range makes it ideal for HPLC sample preparation ahead of injection.		0.2 µm	ANV1322 / ANV1322D	100 / 1000	ANV2522 / ANV2522C	100 / 500
			0.45 µm	ANV1345 / ANV1345D	100 / 1000	ANV2545 / ANV2545C	100 / 500
PTFE	Polytetrafluoroethylene (PTFE) has the highest chemical compatibility rating of these filters. Being naturally hydrophobic this membrane is most suited to the clarification of organic solvents and for air venting processes. Not suitable for aqueous sample filtration without pre-wetting.		0.2 µm	ANP1322 / ANP1322D	100 / 1000	ANP2522 / ANP2522C	100 / 500
			0.45 µm	ANP1345 / ANP1345D	100 / 1000	ANP2545 / ANP2545C	100 / 500

SHOP NOW

LAB ESSENTIALS

Liquid Handling

TRUSTED RESULTS BEGIN WITH TRUSTED LIQUID HANDLING TOOLS

Gilson liquid handling tools deliver the precise control you need for sample and reagent volume transfers, ensuring reproducible results while making life in the lab easier. Beginning with the legendary PIPETMAN® technology, our liquid handling tools have evolved with your needs. Ergonomically designed with scientists like you in mind, we offer durable solutions from manual, single channel units to completely automated liquid handling systems.

LIQUID HANDLING

This Pipetting Selection Guide helps you quickly compare Gilson pipetting solutions based on throughput, comfort, and application needs. It spans the full workflow, from single channel and multichannel pipettes to 96-channel and automated systems, making it easy to identify the right tool for accuracy, ergonomics, and productivity at every stage of your lab's evolution.

	Description		Benefits	Throughput	Comfort
Positive-displacement	MICROMAN® E		• Reliable Results Even with Non-Aqueous Liquids • Overall Protection • Designed with Comfort in Mind	L—M—H	✓✓✓
Single Channel, Air displacement	PIPETMAN® M PIPETMAN® M Connected		• Ease-of-Use • On-Target Performance • PIPETMAN® M Connected Makes Manual Processes Verifiable	L—M—H Medium to High	✓✓✓✓
	MyPIPETMAN®		• Technical and Functional Choices • Ergonomic Design • Personalizable • Fully Autoclavable	L—M—H Medium	✓✓✓✓
	PIPETMAN® L		• Performance and Comfort • Secure Pipetting • Fully Autoclavable	L—M—H Medium	✓✓✓✓
	PIPETMAN®		• Reliable Results • Built-to-Last • Easy Pipetting and Handling	L—M—H Low to Medium	✓✓✓
Multichannel, Air displacement	PIPETMAN® M PIPETMAN® M Connected		• Ease-of-Use • On-Target Performance • PIPETMAN® M Connected Makes Manual Processes Verifiable	L—M—H Medium to High	✓✓✓✓
	MyPIPETMAN®		• Technical and Functional Choices • Ergonomic Design • Personalizable • Fully Autoclavable	L—M—H Medium	✓✓✓✓
	PIPETMAN® L		• Performance and Comfort • Secure Pipetting • Fully Autoclavable • Models Equipped with V-rings Fit Most Tip Brands	L—M—H Medium	✓✓✓✓
	PIPETMAN®		• Reliable Results • Built-to-Last • Easy pipetting and handling	L—M—H Low to Medium	✓✓✓
Manual 96-channel	PLATEMASTER®		• Save Time and Increase Your Productivity • Simplifies Sample Prep • Convenient for any Microplate Application	L—M—H Medium to High	✓✓✓✓
Semi-auto	PIPETMAN® M96		• Boost productivity in plate-based workflows • Easy-to-use • No specific tip or cartridge required	L—M—H High	✓✓✓✓
	VERITY® Diluter Dispenser		• Accuracy and precision of a syringe pump • Simple to program • Save multiple routines • First step to automation	L—M—H Medium to High	✓✓✓✓

PIPETTE FAMILIES

Air Displacement
Mechanical or Electronic Pipette

Uses an air cushion to move liquid. Ideal and accurate for standard aqueous applications. In mechanical models, the piston is user-driven; in electronic models, a motor drives the piston, requiring virtually no force. Accuracy may vary with temperature, pressure, or liquid viscosity.

- Piston
- Tip Holder
- Air Cushion
- Disposable Tip
- Sample

Positive Displacement
Pipette

Uses a built-in piston inside the tip for direct contact with the sample. Perfect for viscous, volatile, or sticky liquids, ensuring accuracy and protection.

- Tip Holder
- Disposable Piston
- Disposable Capillary
- Piston Seal
- Sample

From positive-displacement to air displacement or fixed volume to variable volume, how do you go about choosing the right pipette? Watch our video to learn what factors to consider when choosing the perfect pipette for your lab.

WATCH VIDEO

THE RIGHT CHOICE FOR YOUR LIQUID HANDLING

Liquid Types	Applications	Your Gilson Solutions	Associated Gilson Consumables
Aqueous (i.e., water, sucrose, Tris, buffer with a pH of 7)	Biology Biochemistry Clinical assays and immunoassays Cell culture Analytical chemistry	**1, 8-, and 12-channel pipettes** PIPETMAN® M Connected PIPETMAN® M MyPIPETMAN® PIPETMAN® L PIPETMAN® PIPETMAX ® 268 **96-channel pipettes** PLATEMASTER® PIPETMAN® M96	PIPETMAN® DIAMOND Tips AmpliPur® Expert Tips PIPETMAN® Expert Tips*
Viscous (i.e., glycerol, surfactants, oil)	Molecular Biology Petrochemistry Point of Care Diagnostic Pharmaceutical Cosmetics Environment Food Quality Control	MICROMAN® E DISTRIMAN®	Capillary Pistons DISTRITIPS®
Volatile (i.e. ethanol, hexane, formaldehyde)			
Hot or cold			
Foaming			
Contaminated or toxic (ex. blood, infectious bacteria or viruses, hazardous radioactive isotopes)			
Corrosive (ex. hydrochloric or sulfuric acid)			

pipetman®

M96

Science moves fast, and your time at the bench is valuable. PIPETMAN® M96 is a convenient and intuitive electronic pipette designed for high-throughput pipetting on 96- and 384-well microplates. With advanced ergonomics, a guided touchscreen, and smart accessories to maximize bench space, it turns repetitive pipetting into a process that feels natural, seamless, and reliable.

A 96-Channel Motorized Pipette Designed Around You

PIPETMAN M96 isn't just a tool, it's built to move with you. Its intuitive touchscreen guides you through functions and steps, making complex protocols feel simple and adjustments effortless. Every transfer feels precise, consistent, and under your control.

Flexible, Like Your Workday

No two labs, or scientists, work the same way. That's why PIPETMAN M96 adapts to your workflow, fitting seamlessly with SLAS-standard labware and PIPETMAN® DIAMOND Tips, without adding extra costs. Optimized accessories keep your workspace organized without taking up more room, so you can focus on your science instead.

Confidence You Can Count On

When results matter, consistency is everything. Backed by the proven reproducibility of Gilson solutions, PIPETMAN M96 ensures accuracy and reliability in every plate. More than improving productivity, it gives you the peace of mind to focus on the discoveries ahead.

SCAN ME!

Scan the QR code or go to www.gilson.com/pipetman-m96.html for more information.

WATCH VIDEO

PIPETMAN® M96

Model	Part Number	Volume Range	
		Standard Pipette Mode	Repetitive Mode
P96x20M, with Bluetooth® connection	FH10001	2-20 µL	1-20 µL
P96x200M, with Bluetooth® connection	FH10002	10-200 µL	5-200 µL
P96x20M	FH10003	2-20 µL	1-20 µL
P96x200M	FH10004	10-200 µL	5-200 µL

SHOP NOW

Complete Your PIPETMAN M96 with Accessories

PIPETMAN M96 is a compact, electronic 96-channel pipette equipped with accessories for optimal use with various SLAS-size microplates and labware.

	Part Description	Part Number
1	Multi-tray for 96- and 384-well microplates	FH07005
2	Rotating reversible tray 96-well left side, 384-well right side	FH07004
2	Rotating reversible tray 384-384 well sides	FH07003
A	Rotating reversible tray 96-96 well sides (provided with the pipette, and available as an extra accessory)	FH07002
B	Single reversible tray 96-384 well sides (provided with the pipette, and available as an extra accessory)	FH07001
● Included in the PIPETMAN M96 box	● Sold separately	

Rotating reversible tray 96-96 well sides Ⓐ

Rotating reversible tray 96-well left side, 384-well right side or Rotating reversible tray 384-384 well sides ②

Single reversible tray 96-384 well sides Ⓑ

Multi-tray for 96- and 384-well microplates ①

PIPETMAN DIAMOND® Tips are designed to fit your PIPETMAN M96 perfectly and guarantee maximum accuracy and precision.

PIPETMAN M96 Bluetooth Connected models are available in select locations. Please contact your Gilson representative for more details.

Tools and Resources

Spec Sheet: Pipette Specifications

DOWNLOAD

Tips and Tricks: PIPETMAN M96 Tips and Tricks

DOWNLOAD

trackman®

CONNECTED

MAKE YOUR LAB AS SMART AS YOUR SCIENCE

TRACKMAN® Connected is a tablet with exclusive applications and accessories that make pipetting on different labware more reliable, improving the efficiency and traceability of your experiment.

Boost Your Experiment Reliability

When paired with PIPETMAN® M Connected, the installed PipettePilot® app guides you through your pipetting protocol. The app displays where, when, and how much to pipette with real-time interactions to prevent errors.

Get Immediate Reproducibility

With the digitally documented protocol, your team can be confident that a protocol is being executed the same each time.

Improve the Traceability of your Experiment

Integrate connected tools into your protocols in a safe and convenient way.

TRACKMAN Connected offers complete traceability of your experiments by recording pipetting actions and environmental conditions.

Access Pipette Analytics and Calibration History

PipetteScope® informs you exactly when your pipette needs to be calibrated. Through the app, you can easily request a calibration appointment and also view service history reports in one central location. PipetteScope gives you instant access to the pipette usage analytics as well as access to the user guide.

⬇ Download App

Pair it with PIPETMAN® M Connected

Explore new possibilities in protocol execution assistance, traceability, and data acquisition through its Bluetooth® connection to Gilson applications.

For more information about PIPETMAN M Connected, refer to .

Make Pipetting Easier for Your Molecular Biology Applications

We've worked closely with QIAGEN to program their gold-standard protocols into TRACKMAN Connected to reduce errors and bring greater traceability to your molecular biology applications.

Depending on your protocol needs, we have three TRACKMAN Connected Starter Kits available: Single Channel, Multichannel, and Pro. Each starter kit includes PIPETMAN M Connected pipettes, TRACKMAN Connected tablet and accessories, and tips.
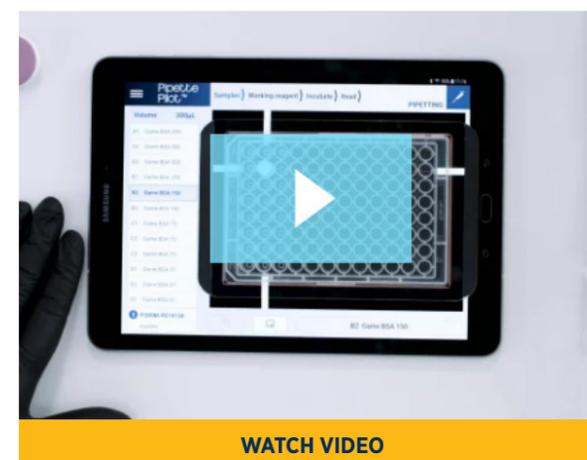
▶ WATCH VIDEO

💬 Contact your local <u>Gilson sales representative</u> to find out about the availability of this product in your country.

Inside Your Kit

Tablet with PipettePilot® and PipetteScope® Apps

Interact with all your apps at the bench with the tablet included in your kit. The tablet comes preloaded with PipettePilot to create and track pipetting tasks. The app displays where and when to pipette with real time interactions to prevent pipetting errors and provides you with a report for complete traceability of your experiment.

Our other application, PipetteScope, helps you keep tabs on your pipette last calibration, user's guide, and other useful pipetting metrics.

Environment Sensor

Monitor temperature, pressure, and humidity during your experiment with your environment sensor.

Benchtop Pipetting Accessories

Get all the accessories to integrate your tablet at the bench in a safe way: microplate holder, tempered glass screen protector, microplate adapter, and strip adapters.

Full range of accessories can be found on <u>page 74</u>.

TRACKMAN® CONNECTED

Model	Part Number
TRACKMAN Connected EU Plug	FB1020
TRACKMAN Connected UK Plug	FB1021
TRACKMAN Connected US Plug	FB1022

SHOP NOW

TRACKMAN® CONNECTED STARTER KITS

Model	Part Number
TRACKMAN Connected Starter Kit Single Channel (EU)	FB10200
TRACKMAN Connected Starter Kit Single Channel (UK)	FB10201
TRACKMAN Connected Starter Kit Single Channel (US)	FB10202
TRACKMAN Connected Starter Kit Multichannel (EU)	FB10210
TRACKMAN Connected Starter Kit Multichannel (UK)	FB10211
TRACKMAN Connected Starter Kit Multichannel (US)	FB10212
TRACKMAN Connected Starter Kit Pro (EU)	FB10220
TRACKMAN Connected Starter Kit Pro (UK)	FB10221
TRACKMAN Connected Starter Kit Pro (US)	FB10222

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⬇ Tools and Resources

Case Study: The first Steps of Digitalization and Interoperability in the Analytical Lab

DOWNLOAD

Guide to Pipetting: Tips from Our Experts

DOWNLOAD

pipetman®

M CONNECTED

PIPETTE SMARTER. REPORT FASTER. CONFIDENTLY.

PIPETMAN® M Connected is an electronic, Bluetooth®-enabled pipette that offers accuracy and precision in both standard and repetitive pipetting modes. Requiring virtually no pipetting forces to aspirate and dispense samples, PIPETMAN M Connected helps reduce pipetting fatigue and increase pipetting efficiency. PIPETMAN M Connected is available in 20 models, covering a volume range from 0.5 µL to 10 mL for single channel models, and 0.5 µL to 1200 µL for multichannel models.

Make Manual Processes Verifiable

With PIPETMAN M Connected, explore new possibilities in protocol execution assistance and data acquisition through the Bluetooth® connection to Gilson applications.
The pipette interacts in real time with your TRACKMAN® Connected system for increased accuracy and efficiency in both standard and repetitive modes.

GILSON SOFTWARE & APPLICATIONS

PipettePilot®

The PipettePilot app comes preloaded on the TRACKMAN Connected tablet. The app displays where and when to pipette in real time to prevent pipetting errors. The app also provides you with a report for complete traceability of your experiment.

PIPETMAN M Connected Software

Executing custom protocols has never been easier. PIPETMAN M Connected Software allows you to create, save, and transfer up to ten custom protocols into PIPETMAN M Connected.

PipetteScope®

With PipetteScope, know exactly when your pipette needs to be calibrated, request a calibration appointment, and view service history reports, all in one location. Additionally, with the app, you'll gain visibility into your pipette's usage analytics and get quick access to user's guides.

Download PipetteScope and PIPETMAN M Connected Software for free on www.gilson.com.

⬇ DOWNLOAD APP

Store Your Electronic Pipettes On Our POWER CARROUSEL™ Charging Stand

Improved efficiency, organization, and protection. Keep your PIPETMAN M Connected operational.

Full range of accessories can be found on page 74.

SHOP NOW

PIPETMAN® M CONNECTED SINGLE CHANNEL					
Model	PIPETMAN DIAMOND Tips		Part Number	Standard PIPET Mode	REPETITIVE Mode
				Volume Range	Volume Range
P10M	D10 DL10	DF10ST DFL10ST	F81040	0.5–10 µL	0.5–10 µL
P20M	D200	DF30ST	F81041	2–20 µL	2–20 µL
P100M	D200	DF100ST	F81042	5–100 µL	5–100 µL
P200M	D200 D300	DF200ST DF300ST	F81043	20–200 µL	5–200 µL
P300M	D200 D300	DF200ST DF300ST	F81044	20–300 µL	10–300 µL
P1200M	D1000 D1200	DF1000ST DF1200ST	F81045	100–1200 µL	20–1200 µL
P5000M	D5000		F81046	500–5000 µL	100–5000 µL
P10mLM	D10mL		F81047	1–10 mL	200 µL–10 mL

PIPETMAN® M CONNECTED MULTICHANNEL					
P8x10M	D10 DL10	DF10ST DFL10ST	F81048	0.5–10 µL	0.5–10 µL
P12x10M			F81049		
P8x20M	DL10 D200	DFL10ST DF30ST	F81050	1–20 µL	1–20 µL
P12x20M			F81051		
P8x100M	D200	DF100ST	F81052	10–100 µL	5–100 µL
P12x100M			F81053		
P8x200M	D200 D300	DF100ST DF200ST DF300ST	F81054	20–200 µL	5–200 µL
P12x200M			F81055		
P8x300M	D200 D300	DF200ST DF300ST	F81056	10–300 µL	10–300 µL
P12x300M			F81057		
P8x1200M	D1200	DF1200ST	F81058	50–1200 µL	50–1200 µL
P12x1200M			F81059		

Gilson maximum permissible errors are guaranteed only when PIPETMAN pipettes are used with the recommended PIPETMAN DIAMOND Tips.

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💬 Contact your local Gilson sales representative to find out about the availability of this product in your country.

pipetman®

M

GUARANTEED PERFORMANCE WITH OUTSTANDING ACCURACY

The PIPETMAN® M electronic pipette combines the simplicity of a mechanical pipette with the consistency of an electronic liquid handling tool. The PIPETMAN M range has been designed for guaranteed accuracy and precision in both standard and repetitive modes for reliable sample preparation.

On-Target Performance
Trust your results with guaranteed performance in both standard and repetitive pipetting modes.

Pipetting Comfort
Lightweight and perfectly balanced with low ejection and volume setting forces, for hours of pipetting comfort.

Ease-of-Use
With a streamlined user interface and four pipetting modes, control of your sample prep is at your fingertips. Switch to custom mode to execute your own protocol transferred from the PIPETMAN M Software.

Mode Button

Turn and Click Push Button

Store and Charge Your Electronic Pipettes with Our CARROUSEL™ Stand Adapter

Fits onto the CARROUSEL™ Pipette Stand, allowing an electronic PIPETMAN M or PIPETMAN M Connected pipette to be safely stored and charged.

Full range of accessories can be found on page 74

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PIPETMAN® M SINGLE CHANNEL				Standard PIPET Mode	REPETITIVE Mode
Model	PIPETMAN DIAMOND Tips		Part Number	Volume Range	Volume Range
P10M	D10 DL10	DF10ST DFL10ST	F81022	0.5–10 µL	0.5–10 µL
P20M	D200	DF30ST	F81023	2–20 µL	2–20 µL
P100M	D200	DF100ST	F81013	5–100 µL	5–100 µL
P200M	D200 D300	DF200ST DF300ST	F81024	20–200 µL	5–200 µL
P300M	D200 D300	DF200ST DF300ST	F81014	20–300 µL	10–300 µL
P1200M	D1000 D1200	DF1000ST DF1200ST	F81015	100–1200 µL	20–1200 µL
P5000M	D5000		F81016	500–5000 µL	100–5000 µL
P10mLM	D10mL		F81017	1–10 mL	200 µL–10 mL

PIPETMAN® M MULTICHANNEL					
P8x10M	D10 DL10	DF10ST DFL10ST	F81025	0.5–10 µL	0.5–10 µL
P12x10M			F81026		
P8x20M	DL10 D200	DFL10ST DF30ST	F81027	1–20 µL	1–20 µL
P12x20M			F81028		
P8x100M	D200	DF100ST	F81018	10–100 µL	5–100 µL
P12x100M			F81019		
P8x200M	D200 D300	DF100ST DF200ST DF300ST	F81029	20–200 µL	5–200 µL
P12x200M			F81030		
P8x300M	D200 D300	DF200ST DF300ST	F81031	10–300 µL	10–300 µL
P12x300M			F81032		
P8x1200M	D1200	DF1200ST	F81020	50–1200 µL	50–1200 µL
P12x1200M			F81021		

Gilson maximum permissible errors are guaranteed only when PIPETMAN pipettes are used with the recommended PIPETMAN DIAMOND Tips.

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PIPETMAN M is only available in select locations. For more information, please contact your local Gilson representative.

MyPipetman®

SELECT

PRECISION THAT ADAPTS TO YOUR LAB

Ergonomic, safe, and reliable, MyPIPETMAN® Select offers volume setting choice and optional text personalization on the handle for an optimal use in various protocols.

Set and Secure the Volume your Preferred Way

The unique Trilock™ volume-locking system enables you to choose different positions when setting the volume:

- Free volume setting position for quick and effortless volume adjustment
- Light ratchet volume setting for precise volume adjustment
- Volume locked position for secure pipetting

With the Trilock system, the volume is adjusted simply by turning the push button of the pipette.

Free Volume Setting

Light Ratchet Volume Setting

Volume Locked

Ergonomic Design

Lightweight and well-balanced, MyPIPETMAN Select has an elegant design with a textured effect for a better grip.

With no compromise on quality and performance, the built-in ejection system provides reduced tip ejection forces. This patented ejection system reinforces the pipette's ergonomics for convenient use throughout the day.

Personalize your Pipette for Optimal Use

MyPIPETMAN Select can have their handles printed on demand. Identify your pipette to avoid any risk of contamination by dedicating it to a specific liquid or workflow step and improve your lab Lean Management process.

MyPIPETMAN Select can be personalized with a special text. Part numbers are finishing with SP (Select Personalized) instead of S (Select). Please contact your Gilson Account Manager for special text printing and SP part numbers.

Your Text Here

MyPipetman

20–200 µl

Extra Customization for Your MyPIPETMAN®.

For identification or more convenient use, this colored window will provide extra customization to your MyPIPETMAN®. Six colors are available, and you can easily replace the colored window at your convenience.

Colored Windows

Model	Part Number
Window 3 digit Dark Blue MyPIPETMAN	FP070101
Window 3 digit White MyPIPETMAN	FP070102
Window 3 digit Blue MyPIPETMAN	FP070103
Window 3 digit Red MyPIPETMAN	FP070104
Window 3 digit Yellow MyPIPETMAN	FP070105
Window 3 digit Green MyPIPETMAN	FP070106

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SUPERIOR ERGONOMICS & PERSONALIZATION

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Store Your Pipettes On Our CARROUSEL™ Pipette Stand

The CARROUSEL™ Pipette Stand holds up to seven Gilson single or multichannel pipettes, protecting them from contamination.

Full range of accessories can be found on

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FULLY AUTOCLAVABLE

MYPIPETMAN® SELECT SINGLE CHANNEL MODELS

Model	PIPETMAN® DIAMOND Tips		Part Number	Volume Range
P2	D10 DL10	DF10ST DFL10ST	FP10001S	0.2–2 µL
P10	D10 DL10	DF10ST DFL10ST	FP10002S	1–10 µL
P20	D200	DF30ST	FP10003S	2 –20 µL
P100	D200	DF100ST	FP10004S	10–100 µL
P200	D200 D300	DF200ST DF300ST	FP10005S	20–200 µL
P1000	D1000 D1200	DF1000ST DF1200ST	FP10006S	100–1000 µL
P5000	D5000		FP10007S	500–5000 µL
P10mL	D10mL		FP10008S	1000–10000 µL

MYPIPETMAN® SELECT MULTICHANNEL MODELS

Model	PIPETMAN® DIAMOND Tips		Part Number	Volume Range
P8x10	D10 DL10	DF10ST DFL10ST	FP10009S	0.5–10 µL
P12x10			FP10010S	
P8x20	DL10 D200	DFL10ST DF30ST	FP10011S	2–20 µL
P12x20			FP10012S	
P8x200	D200 D300	DF200ST DF300ST	FP10013S	20–200 µL
P12x200			FP10014S	
P8x300	D200 D300	DF200ST DF300ST	FP10015S	20–300 µL
P12x300			FP10016S	

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MYPIPETMAN® SELECT KIT

Model	Part Number	Models	PIPETMAN® DIAMOND Tips	Accessories
MyPIPETMAN® Select 4-Pipette Kit	F167390	P2 P20 P200 P1000	DL10 D200 D1000	4 SINGLE pipette holders 4 Plastic ejectors 6 colored windows (1 of each color)

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Video: MyPIPETMAN Two-Minute Inspection Video

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MyPipetman®

ENTERPRISE

A UNIQUE COMBINATION OF FUNCTIONAL CHOICES AND PIPETTE PERSONALIZATION

MyPIPETMAN® Enterprise is a series of fully autoclavable pipettes that include technical and personalization options. Unique, reliable, and ergonomic, they are the right solution for enterprises or industries that are looking for better efficiency and performance in daily activities through various applications and workflows.

Design Your Very Own Gilson Pipette Series

MyPIPETMAN Enterprise offers several customization options to ensure efficiency and answer your pipetting needs within various workflows.

Technical Features

Choose your preferred technical features to optimize the use of your pipette and increase overall productivity in the lab:

- With or without volume locking system (Trilock™ system or simple ratchet)
- Reduced or standard pipetting and ejection forces
- Metal or plastic tip ejector (from P2 to P1000 single channel models)

Trilock™
3-position system for volume setting and locking

Free Volume Setting

Light Ratchet Volume Setting

Volume Locked

Simple Ratchet
volume setting
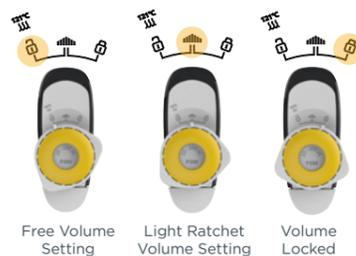
Colors and Extra Personalization Options

Color choices and printing options on your pipette allow for better organization and identification within your applications:

- Handle and lower parts color choices
- One side of the pipette can be laser-printed

Store Your Pipettes On Our CARROUSEL™ Pipette Stand

The CARROUSEL™ Pipette Stand holds up to seven Gilson single or multichannel pipettes, protecting them from contamination.

Full range of accessories can be found on page 74.

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💬 MyPIPETMAN Enterprise pipettes are produced in a series with a minimum quantity of pipettes (mix of different volumes). All pipettes inside a series will have the same technical features, same design, and same information printed on the handle. Please contact your Gilson Account Manager to discuss your needs.

FULLY AUTOCLAVABLE

MYPIPETMAN® ENTERPRISE SINGLE CHANNEL MODELS				
Model	PIPETMAN® DIAMOND Tips		Part Number	Volume Range
P2	D10 DL10	DF10ST DFL10ST	FP10001E	0.2–2 µL
P10	D10 DL10	DF10ST DFL10ST	FP10002E	1–10 µL
P20	D200	DF30ST	FP10003E	2–20 µL
P100	D200	DF100ST	FP10004E	10–100 µL
P200	D200 D300	DF200ST DF300ST	FP10005E	20–200 µL
P1000	D1000 D1200	DF1000ST DF1200ST	FP10006E	100–1000 µL
P5000	D5000		FP10007E	500-5000 µL
P10mL	D10mL		FP10008E	1000–10000 µL

MYPIPETMAN® ENTERPRISE MULTICHANNEL MODELS				
P8x10	D10 DL10	DF10ST DFL10ST	FP10009E	0.5–10 µL
P12x10			FP10010E	
P8x20	DL10 D200	DFL10ST DF30ST	FP10011E	2–20 µL
P12x20			FP10012E	
P8x200	D200 D300	DF200ST DF300ST	FP10013E	20–200 µL
P12x200			FP10014E	
P8x300	D200 D300	DF200ST DF300ST	FP10015E	20–300 µL
P12x300			FP10016E	

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Extra Customization for Your MyPIPETMAN®.

For identification or more convenient use, this colored window will provide extra customization to your MyPIPETMAN®. Six colors are available, and you can easily replace the colored window at your convenience.

Colored Windows	
Model	Part Number
Window 3 digit Dark Blue MyPIPETMAN	FP070101
Window 3 digit White MyPIPETMAN	FP070102
Window 3 digit Blue MyPIPETMAN	FP070103
Window 3 digit Red MyPIPETMAN	FP070104
Window 3 digit Yellow MyPIPETMAN	FP070105
Window 3 digit Green MyPIPETMAN	FP070106

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pipetman®

L

INCREASED COMFORT AND PRODUCTIVITY

Designed for performance and comfort, PIPETMAN® L offers a comprehensive range of models, adapted to all your needs.

Convenient Use

Lightweight and balanced, PIPETMAN L combines an ergonomic design with minimized pipetting forces, giving you the ability to pipette longer without fatigue.

Right-handed or left-handed? No problem. Adjust the location of the tip ejector to the most comfortable position for you.

Secure Pipetting

Reduce pipetting errors and avoid accidental volume changes during pipetting cycles with a true volume-locking mechanism for improved accuracy and precision. PIPETMAN L variable volume models are all fully autoclavable without disassembly for maximum convenience and protection from cross-contamination.

Extended Range & Tip Compatibility

Available as a fixed or variable volume, the PIPETMAN L line covers a full volume range from 0.2 μL to 10 mL for single channel models, and from 0.5 μL to 1200 μL for multichannel models. Precise, accurate, and reliable, they can be intensively used with confidence in many applications.

Four PIPETMAN L multichannel models (model name ending with VR), covering a volume range from 20 μL to 300 μL, are equipped with V-rings at the bottom of the tip holders for a proper fit with most tip brands *(using the Rocky Rack technique is recommended)*.

Store Your Pipettes On Our CARROUSEL™ Pipette Stand

The CARROUSEL™ Pipette Stand holds up to seven Gilson single or multichannel pipettes, protecting them from contamination.

Full range of accessories can be found on page 74.

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To determine if your PIPETMAN L is autoclavable, check to see if the serial number begins with NK or newer versions. If you're unsure, please contact your local Gilson representative.

PIPETMAN® L SINGLE CHANNEL VARIABLE VOLUME MODELS

Model	PIPETMAN® DIAMOND Tips		Part Number		Volume Range
			With Stainless Steel Ejector	With Plastic Ejector	
P2L	D10 DL10	DF10ST DFL10ST	FA10001M	FA10001P	0.2-2 μL
P10L	D10 DL10	DF10ST DFL10ST	FA10002M	FA10002P	1-10 μL
P20L	D200	DF30ST	FA10003M	FA10003P	2-20 μL
P100L	D200	DF100ST	FA10004M	FA10004P	10-100 μL
P200L	D200 D300	DF200ST DF300ST	FA10005M	FA10005P	20-200 μL
P1000L	D1000 D1200	DF1000ST DF1200ST	FA10006M	FA10006P	100-1000 μL
P5000L	D5000		FA10007		500-5000 μL
P10mLL	D10mL		FA10008		1000-10000 μL

PIPETMAN® L MULTICHANNEL MODELS

Model	PIPETMAN® DIAMOND Tips		Part Number	Volume
P8x10L	D10 DL10	DF10ST DFL10ST	FA10013	0.5-10 μL
P12x10L			FA10014	
P8x20L	DL10 D200	DFL10ST DF30ST	FA10009	2-20 μL
P12x20L			FA10010	
P8x200L	D200 D300	DF200ST DF300ST	FA10011	20-200 μL
P12x200L			FA10012	
P8x200LVR	D200 D300	DF200ST DF300ST	FA10035	20-200 μL
P12x200LVR			FA10036	
P8x300L	D200 D300	DF200ST DF300ST	FA10015	20-300 μL
P12x300L			FA10016	
P8x300LVR	D200 D300	DF200ST DF300ST	FA10037	20-300 μL
P12x300LVR			FA10038	
P8x1200L	D1200	DF1200ST	FA10039	100-1200 μL
P12x1200L			FA10040	

Gilson maximum permissible errors are guaranteed only when PIPETMAN® pipettes are used with the recommended PIPETMAN® DIAMOND Tips. | For a pipette with a plastic tip ejector, the part number ends with the letter P. | For a pipette with a stainless steel tip ejector, the part number ends with the letter M. | P5000L and P10mLL are equipped with plastic tip ejectors.

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PIPETMAN® L KITS

Model*	Part Number	PIPETMAN L Models	PIPETMAN® DIAMOND Tips	Accessories
PIPETMAN L Starter Kit	F167350	P20L P200L P1000L	D200 D1000	3 SINGLE™ pipette holders 3 plastic ejectors
PIPETMAN L Micro-volume Kit	F167550	P2L P10L P100L	DL10 D200	3 SINGLE™ pipette holders 3 plastic ejectors
PIPETMAN L 4-Pipette Kit	F167370	P2L P20L P200L P1000L	DL10 D200 D1000	4 SINGLE™ pipette holders 4 Plastic ejectors

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pipetman®

L

COMFORTABLE PIPETTING WITH SECURED FIXED VOLUME

The PIPETMAN® L Fixed pipettes offer the same comfortable, lightweight design as the variable volume models with a fixed volume that reduces the risk of any volume error during pipetting. This makes them an ideal choice for clinical diagnostics, quality control, and any routine testing applications even for non-trained lab technicians. Fifteen models of the air displacement-based PIPETMAN L Fixed pipettes are available, covering a volume range of 1 µL to 5 mL.

PIPETMAN® L FIXED VOLUME MODELS				
Model	PIPETMAN® DIAMOND Tips		Part Number	Volume
F1L	D10 DL10	DF10ST DFL10ST	FA10017	1 µL
F2L	D10 DL10	DF10ST DFL10ST	FA10018	2 µL
F5L	D10 DL10	DF10ST DFL10ST	FA10019	5 µL
F10L	D10 DL10	DF10ST DFL10ST	FA10020	10 µL
F20L	D200	DF30ST	FA10021	20 µL
F25L	D200	DF30ST	FA10022	25 µL
F50L	D200	DF100ST	FA10023	50 µL
F100L	D200	DF100ST	FA10024	100 µL
F200L	D200	DF200ST	FA10025	200 µL
F250L	D300	DF300ST	FA10026	250 µL
F300L	D1000	DF1000ST	FA10027	300 µL
F400L	D1000	DF1000ST	FA10028	400 µL
F500L	D1000	DF1000ST	FA10029	500 µL
F1000L	D1000	DF1000ST	FA10030	1000 µL
F5000L	D5000		FA10031	5000 µL

For more information, please contact your local Gilson representative.

Tools and Resources

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Fixed volume PIPETMAN L are equipped with a plastic ejector. Depending on your needs and applications, metal ejectors are available as spare parts.

pipetman®

RECOGNIZED RELIABILITY AND PROVEN DURABILITY COMBINED WITH EASY PIPETTING AND HANDLING

Recognized as the pipetting standard for its reliability and proven durability, PIPETMAN® combines legendary accuracy, precision, and durability with easy pipetting and handling.

Legendary Performance

Accurate and precise, PIPETMAN® air displacement pipettes are recognized worldwide as the standard in pipetting.

They come in a large range of volumes, including single and multichannel models, allowing you to handle various sample types with confidence.

Easy Pipetting

PIPETMAN feels like the PIPETMAN® Classic but with lower forces and enhanced standard pipetting habits.

Built-to-Last and Convenient

Made of resistant materials, PIPETMAN offers premium durability. Built-to-last, it is the economical solution for years of pipetting.

Simple to Maintain

Routine cleaning and maintenance are all that is required to keep PIPETMAN in top condition for years. The PIPETMAN design allows for easy access to user-serviceable parts, along with a fully autoclavable tip holder and ejector.

Store Your Pipettes On Our SINGLE™ Holder Pipette Stand

Convenient option for holding a single or multichannel PIPETMAN® pipette, protecting the pipette from contamination without taking up any precious bench space.

Full range of accessories can be found on page 74.

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Increased Comfort with PIPETMAN® Comfort Handle

The ergonomically designed PIPETMAN® Comfort Handle attaches to any PIPETMAN with the classic design to improve comfort and reduce pipetting fatigue. The handles are easy to personalize with the PIPETMAN Comfort Handle labels.

Personalize your PIPETMAN Comfort Handle labels.

Full range of accessories can be found on page 74.

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PIPETMAN® SINGLE CHANNEL				
Model	PIPETMAN® DIAMOND Tips		Part Number	Volume Range
P2	D10 DL10	DF10ST DFL10ST	F144054M	0.2-2 µL
P10**	D10 DL10	DF10ST DFL10ST	F144055M	1-10 µL
P20	D200	DF30ST	F144056M	2-20 µL
P100	D200	DF100ST	F144057M	10-100 µL
P200	D200 D300	DF200ST DF300ST	F144058M	20-200 µL
P1000	D1000 D1200	DF1000ST DF1200ST	F144059M	100-1000 µL
P5000***	D5000		F144066	500-5000 µL
P10mL***	D10mL		F144067	1000-10000 µL

PIPETMAN® MULTICHANNEL				
P8x10	D10 DL10	DF10ST DFL10ST	F144068	1-10 µL
P12x10			F144069	
P8x20	DL10 D200	DFL10ST DF30ST	F144070	2-20 µL
P12x20			F144071	
P8x200	D200 D300	DF200ST DF300ST	F144072	20-200 µL
P12x200			F144073	
P8x300	D200 D300	DF200ST DF300ST	F144074	30-300 µL
P12x300			F144075	

Gilson maximum permissible errors are guaranteed only when PIPETMAN® pipettes are used with the recommended PIPETMAN® DIAMOND Tips. | **P10 model can be used up to 0.5 µL. | ***P5000 and P10mL do not have tip ejectors.

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PIPETMAN® KIT				
Description	Part Number	PIPETMAN Models	PIPETMAN DIAMOND Tips Included	Accessories
PIPETMAN® Starter Kit	F167900	P20 P200 P1000	D200 D1000	3 SINGLE pipette holders 3 PIPETMAN Comfort Handles 1 Sheet of 12 Comfort Handle labels
PIPETMAN® Micro-volume Kit	F167800	P2 P10 P100	DL10 D200	3 SINGLE pipette holders 3 PIPETMAN Comfort Handles 1 Sheet of 12 Comfort Handle labels
PIPETMAN® Large-volume Kit	F167920	P5000 P10mL	D5000 D10mL	2 SINGLE pipette holders 2 PIPETMAN Comfort Handles 1 Sheet of 12 Comfort Handle labels 2 bags of 10 filters
PIPETMAN® Four Pipette Kit	F167360	P2 P20 P200 P1000	DL10 D200 D1000	4 SINGLE pipette holders 4 PIPETMAN Comfort Handles 1 Sheet of 12 Comfort Handle labels

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Benefit from a special care with our flexible, tiered service level offerings, tailored to fit your lab's needs, while increasing the lifespan of your pipettes.

PIPETMAN DIAMOND® Tips are designed to fit your MyPIPETMAN perfectly and guarantee maximum accuracy and precision.

PIPETTE ACCESSORIES

ACCESSORIES TO SUPPORT YOUR PIPETTING TASKS

Small things that make all the difference in your pipetting experience. Discover a variety of accessories that make day-to-day pipetting more convenient for you.

POWER CARROUSEL™

Power up your pipettes in no time! Charge up to five PIPETMAN® M and PIPETMAN® M Connected pipettes at once in just one hour. Always have your pipettes ready and fully operational, ensuring smooth workflow in your lab.

Ordering information	
POWER CARROUSEL	FB1001
PIPETMAN M Stand Adaptor for CARROUSEL Pipette Stand	F807023

Universal Multichannel Stand

Designed to hold any brand of 8- or 12-channel pipettes securely, maximizing bench space.

Ordering information	
Universal Multichannel Stand	F161417

CytoPur™ and CorePur™ Reagent Reservoirs

Our Reagent Reservoirs meet the highest quality standards. They come in two options: CorePur™, manufactured in ISO 8 conditions, offers efficiency and reliability for everyday workflows and CytoPur™, sterile (SAL 10⁻⁶), free of pyrogens, DNase/RNase, and DNA/RNA ensures ultimate purity for critical applications. Both options provide seamless compatibility with pipettes and high throughput pipetting systems.

Reagent Reservoirs for High Throughput Pipetting Systems			
CorePur Reagent Reservoirs	Non-Sterile	CorePur Reagent Reservoirs 195 mL	FQ10001
		CorePur Reagent Reservoirs 180 mL	FQ10002
		CorePur Reagent Reservoirs 190 mL	FQ10003
Reagent Reservoirs for Single Channel and Multichannel Pipettes			
CytoPur Reagent Reservoirs	Sterile, Individually Wrapped	CytoPur Reagent Reservoirs 10 mL	FQ10050
		CytoPur Reagent Reservoirs 25 mL	FQ10051
		CytoPur Reagent Reservoirs 50 mL	FQ10052
CorePur Reagent Reservoirs	Non-Sterile	CorePur Reagent Reservoirs 10 mL	FQ10053
		CorePur Reagent Reservoirs 25 mL	FQ10054
		CorePur Reagent Reservoirs 50 mL	FQ10055

CARROUSEL™ Pipette Stand

Keep your pipettes safe from bumps and contamination with this stylish, compact stand.

Designed to hold up to seven Gilson pipettes, it saves valuable bench space and keeps your workspace organized and efficient. Durable, practical, and always within reach — your lab routine just got easier.

Ordering information	
CARROUSEL, stand for 7 pipettes	F161401

SINGLE™ Pipette Holder

Holds single or multichannel PIPETMAN®, PIPETMAN® L, MyPIPETMAN®, and MICROMAN® E models.

Adheres to any smooth, dry surface, keeping pipettes upright while preventing liquids from running inside the shaft.

Ordering information	
Single Pipette Holder	F161406

TRIO™ Pipette Stand

Holds and protects up to three PIPETMAN®, PIPETMAN® L, MyPIPETMAN®, or MICROMAN® E pipettes, helping you keep your workbench organized and efficient.

Ordering information	
TRIO Pipette Stand for 3 pipettes	F161405

Learning Hub

The Gilson Learning hub is a searchable content library with information to help support your research. Browse through articles, videos, application notes, webinars, and other resources related to your applications.

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Other Little Things That Help

Gilson offers an array of tools and kits to make your lab pipetting easier. Need a way to simplify tracking of individual pipettes? Want to calibrate your PIPETMAN yourself? We have that and more because we know that it's the little things that can improve your lab routines.

PIPETMAN COMFORT HANDLE

The ergonomically designed PIPETMAN® Comfort Handle attaches to any PIPETMAN with the classic design to improve comfort and reduce pipetting fatigue. The handles are easy to personalize with the PIPETMAN Comfort Handle labels.

Ordering information	
COMFORT HANDLE pack of 3, blue	F161486
COMFORT HANDLE pack of 3, white	F161488
COMFORT HANDLE pack of 50, blue	F161485
COMFORT HANDLE pack of 50, white	F161487
COMFORT HANDLE stickers, 120	F161499

DISPOSABLE FILTERS

For PIPETMAN®, PIPETMAN® L, and MyPIPETMAN® P5000 and P10mL models.

Ordering information	
Bag of 10 Filters for P5000/P10mL	F161280
Bag of 100 Filters for P5000/P10mL	F161241

JIMMY™ Microtube Opener

Open microtubes effortlessly. This ergonomic, hands-free opener clips directly onto your PIPETMAN® and reduces the strain caused by manual tube opening.

A simple way to make your pipetting more comfortable and efficient.

Ordering information	
The JIMMY Microtube Opener	F144983

COLORIS™ Identification Clips

Easily identify or personalize your pipette. Compatible with PIPETMAN®, PIPETMAN® L, and, MyPIPETMAN® models. Simply write your name or application on the label to prevent mix-ups, then snap it into place.

Ordering information	
Ten COLORIS Identification Clips, mixed colors	F161301
Ten COLORIS Identification Clips, red	F161302
Ten COLORIS Identification Clips, yellow	F161303
Ten COLORIS Identification Clips, green	F161304
Ten COLORIS Identification Clips, blue	F161305
Ten COLORIS Identification Clips, white	F161306

SHOP NOW

Customization Accessories for MyPIPETMAN®

Personalization options make MyPIPETMAN® the perfect fit for any workflow. Choose optional ejectors and colorful windows for quick identification or dedication to specific tasks.

Ordering information	
Window 3 digit Dark Blue	FP070101
Window 3 digit White	FP070102
Window 3 digit Blue	FP070103
Window 3 digit Red	FP070104
Window 3 digit Yellow	FP070105
Window 3 digit Green	FP070106

Ordering information	Plastic Ejectors	Metal Ejectors
Plastic Ejector P2/P10 MYPIPETMAN	FP070161 (Dark Blue)	FP070111 (Dark Blue)
	FP070162 (White)	FP070112 (White)
Plastic Ejector P20 MYPIPETMAN	FP070171 (Dark Blue)	FP070121 (Dark Blue)
	FP070172 (White)	FP070122 (White)
Plastic Ejector P100 MYPIPETMAN	FP070181 (Dark Blue)	FP070131 (Dark Blue)
	FP070182 (White)	FP070132 (White)
Plastic Ejector P200 MYPIPETMAN	FP070191 (Dark Blue)	FP070141 (Dark Blue)
	FP070192 (White)	FP070142 (White)
Plastic Ejector P1000 MYPIPETMAN	FP070201 (Dark Blue)	FP070151 (Dark Blue)
	FP070202 (White)	FP070152 (White)
Metal Ejector Adaptor P2/P10 Translucent	FP070210	
Metal Ejector Adaptor P2/P10 White	FP070212	-
Plastic Ejector Adaptor P2/P10 White	FP070222	

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PIPETTE TIPS

TIPS CREATED TO MAXIMIZE RELIABILITY

Sample integrity is central to everything we do and it starts with high-quality materials. Designed specifically for PIPETMAN® pipettes, our tips are manufactured from premium materials in a sterile, clean-room environment to prevent contamination that could impact results. While it's often assumed that any well-fitting tip won't affect accuracy, ISO 8655 makes it clear: only pipettes and tips from the same manufacturer ensure consistent, lot-to-lot performance, helping reduce variability and eliminate extra calibration steps.

AIR DISPLACEMENT TIPS

PIPETMAN® DIAMOND Tips

PIPETMAN® DIAMOND Tips are precision-engineered for perfect fit and peak performance with PIPETMAN pipettes and are compatible with Gilson instruments. As part of the ISO 8655-calibrated pipette system, they deliver reliable, reproducible results every time.

Made from pure polypropylene in clean-room conditions, they ensure accurate volume delivery, complete dispensing, and freedom from detectable contaminants. They are available as autoclavable, sterile (SAL 10⁻⁶) or sterile filter options, certified free of DNA, RNA, DNase, RNase, ATP, and endotoxins.

PIPETMAN® EXPERT Tips

Universal-fit PIPETMAN EXPERT Tips are designed to be compatible with leading pipette brands. This allows laboratories to stock a single type of tip, saving time, costs, and bench space.

Gel Loading Tips are perfect for precise sample loading in electrophoresis and are available in round or flat designs. Autoclavable or sterilized (SAL 10⁻³), they are free of human and bacterial DNA, DNase, RNase, and pyrogens, and are compatible with real-time PCR.

AmpliPur® Expert Tips

AmpliPur® Expert Tips (sterile version, SAL 10⁻⁶) are certified free of DNA, RNA, DNase, and RNase, ensuring reliable results ideal for microbiology, molecular biology, biomedicine, cell culture and biobanking.

Compatible with most pipettes on the market and compliant with ISO 8655 standards, these tips are manufactured from recyclable materials. AmpliPur Expert Tips combine durability, performance, and excellent value for money.

POSITIVE DISPLACEMENT TIPS

Capillary Pistons

Capillary Piston Tips are designed for use with MICROMAN® positive displacement pipette and are ideal for viscous, volatile, or hazardous liquids. Their syringe-like design prevents contamination and delivers accurate, reproducible results, even in narrow or deep tubes.

DISTRITIPS®

DISTRITIPS® are designed for DISTRIMAN® positive displacement repeater pipettes and provide accurate, reliable dispensing of difficult samples. Made from dye-free polypropylene, they eliminate the risk of chemical contamination.

ONE TIP. TOTAL COMPATIBILITY.

Affordable Automation Without Compromise

Unlike many automated liquid handlers that require proprietary consumables, Gilson's PIPETMAX®, PIPETMAN M96, and PLATEMASTER systems use the same trusted PIPETMAN® DIAMOND Tips scientists rely on for pipetting. You can automate critical workflows, like qPCR, normalization, or ELISA, without the added cost of special automation-only tips.

pipetman®

DIAMOND TIPS

HIGHEST QUALITY TIPS FOR SUPERIOR RESULTS

Trust Gilson's PIPETMAN® DIAMOND Tips to deliver the accuracy and precision your experiments demand. PIPETMAN DIAMOND Tips fit all Gilson instruments: no extra cost, no extra storage, no guesswork. One tip type covers it all, helping your lab save both time and money.

Guaranteed Results for all your Gilson Instruments

PIPETMAN DIAMOND Tips are designed to fit your PIPETMAN®, PIPETMAX®, PIPETMAN® M96, and PLATEMASTER® perfectly. Using PIPETMAN DIAMOND Tips in conjunction with your Gilson products guarantees maximum accuracy and precision.

Affordable and Versatile For Every Application

Your needs, budget, and tip consumption vary according to your specific research activity. With our extensive range of packaging, PIPETMAN DIAMOND Tips are an affordable option for every lab and every application.

Contamination-Free

Our tips are made of the highest-grade material within a fully traceable clean room environment, ensuring each tips are free of detectable DNA, RNA, DNase, RNase, ATP, and Endotoxins (Pyrogens). From mold to bench, they are traceable, and certified to meet the most stringent demands in a variety of applications.
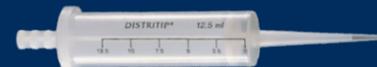
WIDE RANGE OF TIP PACKAGING

TIPACK™

Compact, ergonomic, and eco-friendly by design, TIPACK™ enables the ROCKY RACK™ technique with a 180° hinged lid for easy tip loading on any pipettes.

Fully autoclavable, TIPACK is also available in sterilized and filter tip options.

TOWERPACK

A quick, easy, and affordable rack refill system that saves 60% bench space and uses 70% less plastic than standard racks.

The universal reload box supports one-hand operation, is fully autoclavable, and available sterilized, bringing efficiency, sustainability, and convenience to the lab.

REFILL VERSION

Individually wrapped tip racks provide a convenient, clean, and eco-friendly solution for tip storage.

Ready to use—simply peel the lid and place the rack into an empty box—they use 45% less plastic than standard racks. Fully autoclavable and available in sterilized or filter options, they deliver practicality without compromising quality.

RELOAD PACK

The fastest way to refill an empty box, using 70% less plastic in recyclable, eco-friendly packaging.

Easy to store and space-efficient on the bench, it's both affordable and convenient. Fully autoclavable, it provides a practical and sustainable solution for everyday lab use.

EASYPACK AND ECOPACK

Buy in bulk and save by reloading tips into empty racks.

Sealed bags with a rapid-sealing strip allow easy access while helping prevent contamination and reduce waste. Fully autoclavable, they are available as EASYPACK (5 bags × 200 tips) and ECOPACK (10 bags × 1000 tips).

STERILPACK

Individually wrapped, sterilized tips provide full protection from contaminants until the moment of use.

Each tip is sealed in medical-grade plastic with guaranteed sterilization for up to five years and supplied in packs of 400 individually wrapped tips.

pipetman®

DIAMOND TIPS

STANDARD PIPETMAN® DIAMOND TIPS

	Description	Volume Range	Tip Length	Qty/Pack	Autoclavable Tips Part Number	Sterilized Tips Part Number
RELOAD PACK	DL10 RELOAD PACK	0.1–20 µL	45 mm	960	F167012	-
	D200 RELOAD PACK	2–200 µL	51 mm	960	F167013	-
	D1000 RELOAD PACK	100–1000 µL	66 mm	576	F167014	-
REFILL VERSIONS	DL10 REFILL VERSIONS	0.1–20 µL	45 mm	960	F172200	F172201
	D200 REFILL VERSIONS	2–200 µL	51 mm	960	F172300	F172301
	D300 REFILL VERSIONS	10–300 µL	51 mm	960	F172400	F172401
	D1000 REFILL VERSIONS	100–1000 µL	66mm	960	F172500	F172501
	D1200 REFILL VERSIONS	50–1200 µL	84 mm	960	F172800	F172801
TIPACK	D10 TIPACK	0.1–10 µL	30 mm	960	F171100	F171101
	DL10 TIPACK	0.1–20 µL	45 mm	960	F171200	F171201
	D200 TIPACK	2–200 µL	51 mm	960	F171300	F171301
	D300 TIPACK	10–300 µL	51 mm	960	F171400	F171401
	D1000 TIPACK	100–1000 µL	66 mm	960	F171500	F171501
	D1200 TIPACK	50–1200 µL	84 mm	960	F171600	F171601
	D5000 TIPACK	0.5–5 mL	10.4 cm	600	F161370	-
	D10mL TIPACK	1–10 mL	16 cm	240	F161230	-
TOWERPACK	D10 TOWERPACK	0.1–10 µL	30 mm	960	F167101	F167201
	DL10 TOWERPACK	0.1–20 µL	45 mm	960	F167102	F167202
	D200 TOWERPACK	2–200 µL	51 mm	960	F167103	F167203
	D300 TOWERPACK	10–300 µL	51 mm	960	F167105	F167205
	D1000 TOWERPACK	100–1000 µL	66 mm	672	F167104	F167204
ECOPACK	D10 ECOPACK	0.1–10 µL	30 mm	10,000	F161630	-
	DL10 ECOPACK	0.1–20 µL	45 mm	10,000	F161450	-
	D200 ECOPACK	2–200 µL	51 mm	10,000	F161930	-
	D300 ECOPACK	10–300 µL	51 mm	10,000	F161730	-
	D1000 ECOPACK	100–1000 µL	66 mm	10,000	F161670	-
	D1200 ECOPACK	50–1200 µL	84 mm	10,000	F161110	-
EASYPACK	D10 EASYPACK (5 bags of 200)	0.1–10 µL	30 mm	1,000	F161631	-
	DL10 EASYPACK (5 bags of 200)	0.1–20 µL	45 mm	1,000	F161451	-
	D200 EASYPACK (5 bags of 200)	2–200 µL	51 mm	1,000	F161931	-
	D300 EASYPACK (5 bags of 200)	10–300 µL	51 mm	1,000	F161731	-
	D1000 EASYPACK (5 bags of 200)	100–1000 µL	66 mm	1,000	F161671	-
	D1200 EASYPACK (5 bags of 200)	50–1200 µL	84 mm	1,000	F161111	-
	D5000 EASYPACK (3 bags of 334)	0.5–5 mL	10.4 cm	1,002	F161571	-
	D10mL EASYPACK (4 bags of 50)	1–10 mL	16 cm	200	F161210	-
STERIL PACK	D200ST STERILPACK	2–200 µL	51 mm	400	-	F161330
	D1000ST STERILPACK	100–1000 µL	66 mm	400	-	F161340

SHOP NOW

PIPETMAN® DIAMOND FILTER TIPS

	Description	Volume Range	Tip Length	Qty/Pack	Sterilized Tips Part Number
REFILL VERSIONS	DFL10ST REFILL VERSIONS	0.1–10 µL	45 mm	960	F172203
	DF30ST REFILL VERSIONS	2–30 µL	51 mm	960	F172303
	DF100ST REFILL VERSIONS	10–100 µL	51 mm	960	F172403
	DF200ST REFILL VERSIONS	20–200 µL	51 mm	960	F172503
	DF300ST REFILL VERSIONS	10–300 µL	51 mm	960	F172703
	DF1000ST REFILL VERSIONS	100–1000 µL	66 mm	960	F172603
	DF1200ST REFILL VERSIONS	50–1200 µL	84 mm	960	F172803
TIPACK	DF10ST Filter TIPACK	0.1–10 µL	30 mm	960	F171103
	DFL10ST Filter TIPACK	0.1–10 µL	45 mm	960	F171203
	DF30ST Filter TIPACK	2–30 µL	51 mm	960	F171303
	DF100ST Filter TIPACK	10–100 µL	51 mm	960	F171403
	DF200ST Filter TIPACK	20–200 µL	51 mm	960	F171503
	DF300ST Filter TIPACK	10–300 µL	51 mm	960	F171603
	DF1000ST Filter TIPACK	100–1000 µL	66 mm	960	F171703
	DF1200ST Filter TIPACK	50–1200 µL	84 mm	960	F171803

D10 are short collar tips. DL10 are long collar tips.

EMPTY RELOAD BOXES

Description	Qty/Pack	Part Number
Universal Reload Box (1 rack) for TOWERPACK	1	F167100
Empty Box for Use With REFILL VERSIONS and RELOAD PACKS: DL10/DFL10ST D200/DF30ST/DF100ST/DF200ST D300/DF300ST	2	F171204
Empty Box for Use With REFILL VERSIONS and RELOAD PACKS: D1000/D1200/DF1000ST/DF1200ST	2	F171504

EMPTY RELOAD RACKS

	Description	Qty/Pack	Part Number
	D10 Empty Racks for ECOPACK and EASYPACK	2	F171102
	DL10 Empty Racks for ECOPACK and EASYPACK	2	F171202
	D200 Empty Racks for ECOPACK and EASYPACK	2	F171302
	D300 Empty Racks for ECOPACK and EASYPACK	2	F171402
	D1000/D1200 Empty Racks for ECOPACK and EASYPACK	2	F171502
	D5000 Empty Rack for ECOPACK and EASYPACK	1	F161360
	D10mL Empty Rack for ECOPACK and EASYPACK	1	F161220

Universal Reload Box for use with TOWERPACKS.

Empty Box for use with REFILL VERSIONS and RELOAD PACKS.

Empty Rack for use with ECOPACK and EASYPACK loose tips.

REFILL VERSIONS FOR PIPETMAX®268-CERTIFIED 384-WELL

	Description	Volume Range	Tip Length	Qty/Pack	Autoclavable Tips Part Number	Sterilized Tips Part Number
REFILL VERSIONS	DSL10 REFILL VERSIONS 384-Certified	0.1–20 µL	45 mm	960	F172210	F172211
	DS200 REFILL VERSIONS 384-Certified	2–200 µL	51 mm	960	F172310	F172311
	DS1000 REFILL VERSIONS 384-Certified	100–1000 µL	66 mm	960	F172510	F172511
	D1200 REFILL VERSIONS 384-Certified	50–1200 µL	84 mm	960	F172800	F172801
FILTER REFILL VERSIONS	DSFL10ST REFILL VERSIONS 384-Certified	0.1–10 µL	45 mm	960	-	F172213
	DSF30ST REFILL VERSIONS 384-Certified	2–30 µL	51 mm	960	-	F172313
	DSF200ST REFILL VERSIONS 384-Certified	20–200 µL	51 mm	960	-	F172513
	DSF1000ST REFILL VERSIONS 384-Certified	100–1000 µL	66 mm	960	-	F172613

pipetman®

EXPERT TIPS

UNIVERSAL FIT PIPETTE TIPS

Universal fit PIPETMAN® EXPERT Tips are designed to fit leading pipette brands, allowing you to stock one brand of tips saving time, money, and bench space. PIPETMAN EXPERT Gel Loading Tips are ideal for accurate sample loading of wells in gel electrophoresis. Choose from round or flat tips, non-sterile or sterilized. Color-coded packaging corresponds to industry standards for color matching to respective Gilson pipette models.

Certified Contaminant Free

These tips are certified free of human DNA, RNases, DNases, PCR inhibitors, and pyrogens.

Gilson Universal Fit Tips

Designed to fit perfectly and provide the best results with Gilson pipettes, the universal design of PIPETMAN EXPERT Tips allows them to be used with most leading pipette brands. Additionally, because of the universal fit, PIPETMAN EXPERT Tips allow you to stock up on one brand of tips with practical packaging options, saving you time, money, and bench space.

Space Saving Environment Friendly Packaging

The Towerpack and MegaPack configurations allow labs to store more tips using less space on the bench. Less packaging material is used and the plastic is recyclable.

Gel Loading Tip Solutions

Receive maximum accuracy and the best possible results when using PIPETMAN EXPERT long, round tips and the specially patented flat gel loading tips.

WIDE RANGE OF TIP PACKAGING

TIPACK™

Filter, autoclavable, and sterilized, TIPACK™ features a uniquely designed dual-purpose lid.

It can be hinged for easy opening and closing during use, or removed from the hinges and placed on top—or discarded entirely—for high-throughput tip usage.

MEGAPACK

Autoclavable and sterilized, MEGAPACKS use 70% less plastic and offer the flexibility to expose either 96 or 192 tips at a time, making them ideal for high-throughput pipetting.

EASYPACK

EASYPACK contains 5 bags of 200 autoclavable tips each, allowing you to save money by simply reloading them into empty racks.

The resealable bags provide easy access and convenient handling.

TOWERPACK

The quick, easy, and affordable rack refill system saves 60% bench space and uses 70% less plastic than standard racks.

Its one-hand operation makes refilling simple and efficient.

PIPETMAN EXPERT Tips are available in select countries only.

PIPETMAN® EXPERT TIPS

	Description	Volume Range	Tip Length	Pack Qty	Pack Part Number	Case Qty	Case Part Number
FILTER TIPS	EF10ST Sterilized Filter Tips	0.1 - 10 µL	28.83 mm	960	F1731031	4,800	F1731032
	EFL10ST Sterilized Filter Tips	0.1 - 10 µL	45.34 mm	768	F1732031	3,072	F1732032
	EF20ST Sterilized Filter Tips	1 - 20 µL	51.44 mm	768	F1733031	3,072	F1733032
	EF100ST Sterilized Filter Tips	1 - 100 µL	51.44 mm	768	F1734031	3,072	F1734032
	EF200ST Sterilized Filter Tips	1 - 200 µL	58.57 mm	768	F1735031	3,072	F1735032
	EF300ST XL Sterilized Filter Tips	1 - 300 µL	77.50 mm	384	F1736031	3,072	F1736032
	EF1000ST XL Sterilized Filter Tips	50 - 1250 µL	102.2 mm	384	F1737031	3,072	F1737032
TIPACK	E10 TIPACK	0.1 - 10 µL	28.83 mm	960	F1731001	4,800	F1731002
	EL10 TIPACK	0.1 - 20 µL	45.34 mm	768	F1732001	3,072	F1732002
	E200 TIPACK	1 - 200 µL	51.44 mm	768	F1733001	3,072	F1733002
	E300 TIPACK	1 - 300 µL	58.57 mm	768	F1736001	3,072	F1736002
	E1000 XL TIPACK	50 - 1250 µL	102.2 mm	384	F1735001	3,072	F1735002
STERILIZED TIPACK	E10ST Sterilized TIPACK	0.1 - 10 µL	28.83 mm	960	F1731011	4,800	F1731012
	EL10ST Sterilized TIPACK	0.1 - 20 µL	45.34 mm	768	F1732011	3,072	F1732012
	E200ST Sterilized TIPACK	1 - 200 µL	51.44 mm	768	F1733011	3,072	F1733012
	E300ST Sterilized TIPACK	1 - 300 µL	58.57 mm	768	F1736011	3,072	F1736012
	E1000ST XL Sterilized TIPACK	50 - 1250 µL	102.2 mm	384	F1735011	3,072	F1735012
TOWERPACK	EL10 TOWERPACK Reload System	0.1 - 20 µL	45.34 mm	960	F1732051	3,840	F1732052
	E200 TOWERPACK Reload System	1 - 200 µL	51.44 mm	960	F1733051	3,840	F1733052
	E300 TOWERPACK Reload System	1 - 300 µL	58.57 mm	960	F1736051	3,840	F1736052
	E1000 XL TOWERPACK Reload System	50 - 1250 µL	102.2 mm	768	F1735051	3,072	F1735052
	EL10 TOWERPACK Reload Kits	0.1 - 20 µL	45.34 mm	960	F1732061	-	-
	E200 TOWERPACK Reload Kits	1 - 200 µL	51.44 mm	960	F1733061	-	-
	E300 TOWERPACK Reload Kits	1 - 300 µL	58.57 mm	960	F1736061	-	-
	E1000 TOWERPACK Reload Kits	50 - 1250 µL	102.2 mm	768	F1735061	-	-
MEGAPACK / EASYPACK	EL10ST Sterilized MEGAPACK	0.1 - 20 µL	45.34 mm	960	F1732071	4,800	F1732072
	EL200ST Sterilized MEGAPACK	1 - 200 µL	51.44 mm	960	F1733071	4,800	F1733072
	EL10 EASYPACK	0.1 - 20 µL	45.34 mm	1,000	F1734511	10,000	F1734512
	E200 EASYPACK	1 - 200 µL	51.44 mm	1,000	F1739311	10,000	F1739312
	10 µL Empty Racks	-	-	1	F1732021	24	F1732022
	200 µL Empty Racks	-	-	1	F1733021	24	F1733022
	300 µL Empty Racks	-	-	1	F1734021	24	F1734022
	1000 µL Empty Racks	-	-	1	F1735021	16	F1735022
GEL LOADING TIPS	E10 Gel Loading Flat Tips	0.1 - 10 µL	45.72 mm	200	F1731181	800	F1731182
	E10 Gel Loading Round Tips	0.1 - 10 µL	45.72 mm	200	F1731281	800	F1731282
	E200 Gel Loading Flat Tips	1 - 200 µL	82.55 mm	200	F1733181	800	F1733182
	E200ST Sterilized Gel Loading Flat Tips	1 - 200 µL	82.55 mm	200	F1733381	800	F1733382
	E200 Gel Loading Round Tips	1 - 200 µL	82.55 mm	200	F1733281	800	F1733282
	E200ST Sterilized Gel Loading Round Tips	1 - 200 µL	82.55 mm	200	F1733481	800	F1733482

CERTIFIED FREE
RNase/DNase
Human DNA
Pyrogens
PCR Inhibitors

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Choose the Right Tip for Your Needs

From purity level to volume range, this handy interactive tip selection guide will help you find the perfect tip for your application. Download now to get a clear view of our entire pipette tips offering.

DOWNLOAD TIP SELECTION TABLE

AmpliPur®

EXPERT TIPS

STERILE FILTERED PIPETTE TIPS FOR USE IN BIOLOGICAL APPLICATIONS

AmpliPur® Expert Tips, sterile version (SAL 10^{-6}), are certified free from DNA/RNA and DNase/RNase, ensuring reliable results with every use. Compatible with most pipettes on the market and compliant with ISO 8655 standards, they are also made from recyclable materials. AmpliPur Expert Tips offer both durability and performance, making them an excellent value for money.

Sterility and Cleanliness for Reliable Results

Ensure the integrity of your experiments and the reliability of your data. The AmpliPur® Expert Tips, sterile version are certified with a Sterility Assurance Level (SAL) of 10^{-6} and are free from Human DNA/RNA and DNase/RNase. Ideal for microbiology, molecular biology, biomedicine, cell culture, and biobanking, they provide the high level of cleanliness and sterility required for your most critical applications.

Sustainable Design for a Greener Future

AmpliPur Expert Tips and their packaging are made from 94% recyclable materials, supporting your commitment to sustainability while reducing environmental impact. This eco-friendly design ensures that your work not only meets the highest scientific standards but also contributes to a more sustainable future.

Excellent Fit With Added Convenience

AmpliPur Expert Tips, sterile version are designed to fit most common pipettes* found in the laboratory (ISO 8655 compliant). We are now elevating the Quality Standard, as well as extending the convenience and usability of the AmpliPur Expert Tips to address the needs of advanced biological workflows.

| AmpliPur® Expert Tips, Sterile			
Volume Range	Nominal Volume of Compatible Pipettes**	Tips Qty/ Commercial Unit (10 Racks of 96 Tips)	Commercial Unit Part Number
0.5-10 μL	2 μL / 10 μL	960 (10 racks of 96 tips)	**F174100**
1-20 μL	20 μL	960 (10 racks of 96 tips)	**F174200**
10-200 μL	100 μL*** / 200 μL / 300 μL	960 (10 racks of 96 tips)	**F174300**
100-1000 μL	1000 μL	960 (10 racks of 96 tips)	**F174400**
100-1200 μL	1000 μL / 1200 μL	960 (10 racks of 96 tips)	**F174500**

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*Pipette compatibility needs to be verified by the user.
**Within ISO 8655 specifications.
***Compatible with many 100 μL pipettes, except Gilson P100 single channel.

Tools and Resources

Poster: Filter Tips Compatibility Chart

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microman®

E
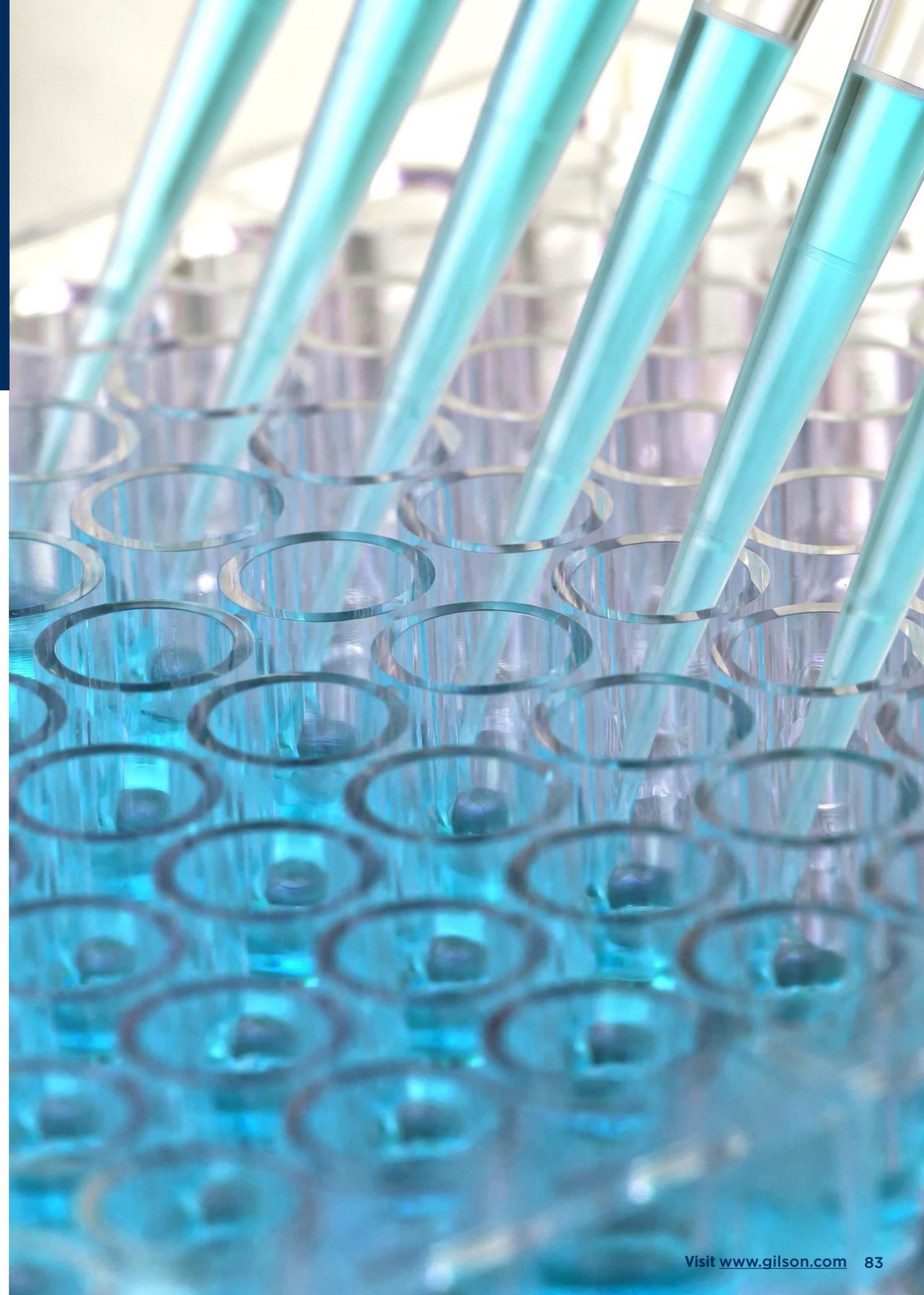
ERGONOMIC PIPETTING FOR NON-AQUEOUS LIQUIDS

MICROMAN® E positive-displacement pipettes, along with capillary pistons, offer the highest precision when ergonomically pipetting non-aqueous samples, such as viscous or volatile liquids. Capillary pistons eliminate the air cushion between the sample and disposable piston, ensuring the accuracy of the pipette is not affected by the physical properties of the sample.

Contamination-Free Pipetting

Minimize the potential for pipette, sample, and human contamination with MICROMAN E. Dispose of the capillary piston (CP) tip safely and without hand contact by simply pushing the push button until the last stop.

Reliable Results Even with Non-Aqueous Liquids

Whether a viscous, volatile, hot, or cold sample, MICROMAN E can handle the job with accuracy and precision. Have complete confidence in your results with the volume-control switch that reduces the risk of accidental volume change.

Triple Protection

Positive-displacement technology is the ideal solution to prevent from aerosols contamination or sample carry-over, protecting the pipette, the user, and the sample.

Capillary Pistons

100% Protection Against Contamination

The disposable piston is located inside the capillary tip so users can be assured that no harmful samples will contaminate the pipette.

- No risk of chemical contamination
- Slender profile—fits most tubes

Full range of accessories can be found on page 74.

MICROMAN® E

Model	Capillary Piston	Part Number	Nominal Volume (µL)	Volume Range
M10E	CP10 CP10ST	FD10001	10	1-10 µL
M25E	CP25 CP25ST	FD10002	25	3-25 µL
M50E	CP50 CP50ST	FD10003	50	20-50 µL
M100E	CP100 CP100ST	FD10004	100	10-100 µL
M250E	CP250 CP250ST	FD10005	250	50-250 µL
M1000E	CP1000 CP1000ST	FD10006	1000	100-1000 µL

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Tools and Resources

Spec Sheet: Pipette Specifications

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Guide to Pipetting: Tips from Our Experts

DOWNLOAD

Gilson Learning Hub Articles: How Positive-Displacement Pipettes Help to Improve Your Results

DOWNLOAD

WATCH VIDEO

CAPILLARY PISTON

	Capillary Piston Model	Capillary Piston	Volume Range	MICROMAN® E Model Compatibility	CP Qty/Rack	Rack Qty/ Commercial Unit	CP Qty/ Commercial Unit	Part Number
TIPACK - Assembled CP	Capillary Piston 10 µL	CP10	1 - 10 µL	M10E	96	2	192	F148412
						10	960	F148312
	Capillary Piston 25 µL	CP25	3 - 25 µL	M25E	96	10	960	F148012
	Capillary Piston 50 µL	CP50	20 - 50 µL	M50E	96	10	960	F148013
	Capillary Piston 100 µL	CP100	10 - 100 µL	M100E	96	2	192	F148414
						10	960	F148314
	Capillary Piston 250 µL	CP250	50 - 250 µL	M250E	96	10	960	F148014
	Capillary Piston 1000 µL	CP1000	100 - 1000 µL	M1000E	91	2	182	F148560
TIPACK - Assembled Sterilized CP	Sterilized Capillary Piston 10 µL	CP10ST	1 - 10 µL	M10E	96	2	192	F148413
						10	960	F148313
	Sterilized Capillary Piston 25 µL	CP25ST	3-25 µL	M25E	96	6	576	F148712
	Sterilized Capillary Piston 50 µL	CP50ST	20 - 50 µL	M50E	96	6	576	F148713
	Sterilized Capillary Piston 100 µL	CP100ST	10 - 100 µL	M100E	96	2	192	F148415
						10	960	F148315
	Sterilized Capillary Piston 250 µL	CP250ST	50-250 µL	M250E	96	6	576	F148714
	Sterilized Capillary Piston 1000 µL	CP1000ST	100 - 1000 µL	M1000E	91	2	182	F148180

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distriman®

FASTER MULTIPLE DISPENSING

DISTRIMAN® is a positive-displacement, continuously adjustable, repetitive pipette with a direct readout designed to simplify multiple dispensing when used with DISTRITIPS syringes. With DISTRIMAN, you can dispense the exact volume required for any protocol, even fractional volumes. It is ideal for repetitive dispensing in clinical, hospital, biological, chemical, food and beverage, pharmaceutical, cosmetics, and forensics labs.

Simplifies Multiple Dispensing

Dispense exact volumes without tedious calculations and ensure optimal pipetting results even with volatile or viscous liquids.

An Economical Solution

DISTRIMAN covers a large volume range with only three DISTRITIPS syringes, making it very economical. DISTRITIPS are available in standard or pre-sterilized form (boxes of 50).

DISTRIMAN is the only continuously adjustable mechanical repetitive pipette with direct volume readout available on the market.

DISTRIMAN®	
Description	Part Number
DISTRIMAN (1 µL to 1.25 mL)	F164001

DISTRITIPS®			
DISTRITIPS (Pack of 50)	Aliquot Range	Part Number	Volume Range
125 µL Micro Micro Pre-Sterile*	1–12.5 µL	F164100 F164130	2-10 µL
1250 µL Mini Mini Pre-Sterile*	10–125 µL	F164110 F164140	20-100 µL
12.5 mL Maxi Maxi Pre-Sterile*	0.1–1.25 mL	F164120 F164150	200-1000 µL

*Pre-sterile refers to sterility assurance level between SAL10^{-2} and SAL10^{-5} (individually wrapped).

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Tools and Resources

Spec Sheet: Pipette Specifications

DOWNLOAD

Guide to Pipetting: Tips from Our Experts

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platemaster®

FAST MICROPLATE PIPETTING

PLATEMASTER® is an easy-to-use solution for high throughput pipetting of 96- and 384-well microplates.

Save Time and Increase Your Productivity

PLATEMASTER's 96-channel design greatly reduces the number of pipetting steps necessary to fill a microplate when compared to using regular manual multichannel pipettes. With PLATEMASTER, the time taken to fill 96-well microplates is significantly reduced to approximately 10-20 seconds or less, and 384-well microplates can typically be filled in less than a minute in only four pipetting steps.

Simplifies Sample Prep

Using PLATEMASTER for higher throughput applications reduces the risk of human error. In a single motion, accuracy and precision levels can equal that of an 8- or 12-channel pipette, while avoiding the risk of skipping or repeating wells. Additionally, all enzymatic reactions and cell-based applications across all wells can be started and stopped at the same time. From 0.5 µL to 220 µL pipetting volumes, expect improved well-to-well and plate-to-plate reproducibility.

Convenient for any Microplate Application

PLATEMASTER is as simple as a PIPETMAN® and does not require programming, long training, or power for use. Through a variety of accessories, such as adapters for loading 384-well microplates, reagent reservoirs, or sample heater blocks, PLATEMASTER can be fully adapted to a variety of application needs. Its compact and portable design easily integrates into the lab, allowing it to fit on most benchtops, under hoods, or in cold rooms.

PLATEMASTER®				
Model	PIPETMAN® DIAMOND Tips		Part Number	Volume Range
P20	D200 DS200**	D200ST DS200ST**	DF100ST DF200ST DFS200ST**	F110761	0.5-20 µL
P220	D200 DS200* D300	D200ST	DF200ST DFS200ST** DF300ST	F110762	2-220 µL

PLATEMASTER® ACCESSORIES	
Description	Part Number
384-well adapter, positioned by wheel	F1077602
384-well adapter, positioned by hand	F1077603
Alu-heater block for PLATEMASTER, 96 x 0.2 mL, for PCR tubes, stripes, and PCR plates Ø 7.8 mm	F1077604
Pipetting head height adjusters (2 units)	F1077605
Lubrication box of O-rings PLATEMASTER	F1077606

*Validated for use with 384-well plates |** Can pipette up to 200 µL only

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Tools and Resources

Spec Sheet: Pipette Specifications

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verity®

DILUTER DISPENSER

The VERITY® Diluter Dispenser is a semi-automatic system for the continuous dispensing of liquids. The VERITY Diluter Dispenser allows you to create and manage pipetting protocols to accurately dispense bulk reagents, perform serial dilutions and titrations, create standards, and much more. When you need more throughput, the VERITY Diluter Dispenser delivers faster, more automated repetitive dispensing than repeaters and electronic pipettes in an easy-to-use, ergonomic design.

Accommodate Your Needs From Lab to Scale-Up

With an available range of syringes from 100 µL to 25 mL, as well as two valve configurations, the VERITY Diluter Dispenser covers a large volume range that will handle all your needs from research to scale-up.

A Simpler Step to Automation

With a VERITY® Syringe Pump, an integral part of your VERITY Diluter Dispenser system, you can upgrade to a fully automated Gilson liquid handling solution when the need for increased throughput arises, making it the first step to automating liquid handling in your laboratory.

VERITY Diluter Dispenser App

The VERITY DD app allows you to create and execute methods and assists applications like titration and continuous dispensing. Comprehensive and intuitive screens guide you through the process.

VERITY® DILUTER DISPENSER	
Description	Part Number
VERITY® Diluter Dispenser Single Syringe System with Probe	31430002
VERITY® Diluter Dispenser Single Syringe System without Probe	31430001
VERITY® Diluter Dispenser Dual Syringe System with Probe	31430004
VERITY® Diluter Dispenser Dual Syringe System without Probe	31430003
VERITY® DILUTER DISPENSER COMPONENTS AND ACCESSORIES	
VERITY® Diluter Dispenser System Controller only	31031001
VERITY® DD Controller Stack for Dual Syringe Pumps	31030086
VERITY® Dual Valve Connecting Kit	2644708

SHOP NOW

LIQUID TRANSFERS

Liquid transfers are a routine yet critical part of laboratory workflows. Whether you're removing culture media, handling sensitive biological samples, or dispensing reagents, efficiency and safety are essential. Gilson provides a complete solution to make liquid handling safer, faster, and more intuitive.

Safe Aspiration Station and Safe Aspiration kit

Quick and Easy Aspiration of Liquid Waste

The Safe Aspiration Station is a stand–alone motorized vacuum unit, ideal for cell culture, ELISA tests, and liquid waste disposal. The closed unit is designed to prevent contamination hazards, and all parts in contact with liquids are fully autoclavable. Associated with the Safe Aspiration Kit, which includes a set of different adapters, the Safe Aspiration Station is easy to use on a bench or in laminar flow cabinets.

SAFE ASPIRATION STATION	
Description	Part Number
Safe Aspiration Station, EU Plug	F110744
Safe Aspiration Station, UK Plug	F110746
Safe Aspiration Station, AU Plug	F110747
Safe Aspiration Station, JP Plug	F110748
Safe Aspiration Station, US Plug	F110745
Safe Aspiration Station, CN Plug	F110749

SAFE ASPIRATION KIT	
Description	Part Number
Safe Aspiration Kit	F110760

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DISPENSMAN®

Dispense Liquids Simply And Accurately

DISPENSMAN® is a bottle-top dispenser for convenient, safe, and precise delivery of common laboratory solutions and solvents. Its innovative, three-position nozzle controls the dispensing of liquids, the air in the system can be purged allowing accurate dispense, and it includes an anti-drip safety feature that avoid liquid loss and returns liquid in the bottle.

DISPENSMAN®	
Model	Part Number
DISPENSMAN 2.5 mL (0.25-2.5 mL)	F110101
DISPENSMAN 5.0 mL (0.5-5 mL)	F110102
DISPENSMAN 10 mL (1-10 mL)	F110103
DISPENSMAN 25 mL (2.5-25 mL)	F110104
DISPENSMAN 50 mL (5-50 mL)	F110105

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MACROMAN®

The Efficient Solution For Pipetting Up To 100 Milliliters At Once

MACROMAN is a reliable pipette controller which can be used with glass and plastic serological pipettes from 1 to 100 mL, with a total volume range from 0.1 to 100 mL.

MACROMAN®		
Description	Volume Range	Part Number
MACROMAN	0.1 to 100 mL	F110120

SHOP NOW

CytoPur™ Serological Pipettes

Optimized Pipetting Control

Ideal for scientists who need to easily and quickly transfer liquid aliquots from one container to another with precision, the Gilson disposable plastic serological pipettes are perfect for use with MACROMAN® to help you in your daily cell-culture, molecular biology, and microbiology applications.

Description	QTY/Case	Part number	Vol.	Color Ring
20 bags of 50 sterile, individual wrapped units	1000	F110122	1 mL	(yellow)
	1000	F110124	2 mL	(green)
4 bags of 50 sterile, individually wrapped units	200	F110126	5 mL	(blue)
	200	F110128	10 mL	(orange)
8 bags of 25 sterile, individually wrapped units	200	F110130	25 mL	(red)
4 bags of 25 sterile, individually wrapped units	100	F110131	50 mL	(purple)

SHOP NOW

INCUBATORS AND DRY BATH

Temperature-controlled devices are essential for ensuring the accuracy, consistency, and reproducibility of many laboratory workflows. Gilson's Incubators and Dry Baths provide reliable, uniform heating performance in compact, user-friendly formats—ideal for molecular biology, sample preparation, enzymatic reactions, and routine lab procedures.

Digital Mini Incubator

Self-Contained Temperature Controls Improve Incubation Accuracy

Using digital temperature controls, the Digital Mini Incubator allows you to set the internal temperature without an external thermometer. The compact incubator accommodates 2 L flasks and has a built-in internal universal outlet for other electrical connections. Models for heating only or heating and cooling are available.

* Minimum temperature is approx. 7°C in 22°C room temp.

| DIGITAL MINI INCUBATOR	
Description	Part Number
Digital Mini Incubator, with heating only 100–230V US Plug	36110800
Digital Mini Incubator, with heating only 100–230V, EU Plug	36110810
Digital Mini Incubator, with heating only 100–230V, UK Plug	36110820
Digital Mini Incubator, with heating and cooling 100–230V, US Plug	36110840
Digital Mini Incubator, with heating and cooling 100–230V, EU Plug	36110850
Digital Mini Incubator, with heating and cooling 100–230V, UK Plug	36110860

SHOP NOW

Digital Dry Bath Series

Uniform Temperature Delivery For a Variety Of Tube Sizes

The compact Digital Dry Bath Series delivers precise temperatures to your samples using digital temperature and time controls with built-in calibration functionality, improving reliability and reproducibility. The aluminum blocks (sold separately) accommodate tubes from 0.5–50 mL. Custom blocks are available.
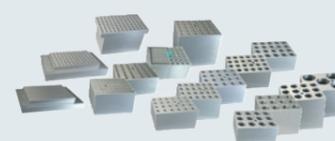
DIGITAL DRY BATH SERIES					
One-Block Digital Dry Bath		Two-Block Digital Dry Bath		Four-Block Digital Dry Bath	
Description	Part Number	Description	Part Number	Description	Part Number
One-Block Digital Dry Bath 115V, US Plug	36110300	Two-Block Digital Dry Bath 115V, US Plug	36110400	Four-Block Digital Dry Bath 115V, US Plug	36110500
One-Block Digital Dry Bath, 230V, EU Plug	36110310	Two-Block Digital Dry Bath, 230V, EU Plug	36110410	Four-Block Digital Dry Bath, 230V, EU Plug	36110510
One-Block Digital Dry Bath, 230V, UK Plug	36110320	Two-Block Digital Dry Bath, 230V, UK Plug	36110420	Four-Block Digital Dry Bath, 230V, UK Plug	36110520

SHOP NOW

MIXERS

Mixers play a vital role in laboratory workflows by ensuring homogeneous sample mixing, re-suspension, or gentle agitation. Whether you're working with microtubes, conical tubes, or multiple samples simultaneously, Gilson provides reliable and efficient mixing solutions, combining performance, stability, and flexibility.

Mini Vortex Mixer

Small Size, Powerful Mixing

With touch-activated operation, the Mini Vortex Mixer delivers a fixed speed of 2,800 rpm for mixing tubes up to 50 mL. The entire operation is quiet, smooth, and contained in a small footprint.

MINI VORTEX MIXER	
Description	Part Number
Mini Vortex Mixer, 100–240V, US Plug	36110700
Mini Vortex Mixer, 100–240V, EU Plug	36110710
Mini Vortex Mixer, 100–240V, UK Plug	36110720
Mini Vortex Mixer, 100 à 240V, AU Plug	36110730

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Roto-Mini Plus

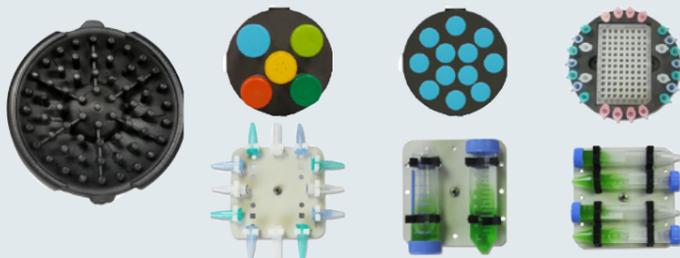#### Flexible Variable Speed Rotator For A Range Of Applications

With speeds from 5–70 rpm, the Roto-Mini Plus variable speed rotator offers four operational mixing modes (Standard Rotating, Mix, Pause, and Rock) and accommodates standard tube sizes from 0.5–50 mL, making it a flexible addition to any lab.

ROTO-MINI PLUS	
Description	Part Number
Roto-Mini Plus with tube holders, 115V, US Plug	36110100
Roto-Mini Plus with tube holders, 230V, EU Plug	36110110
Roto-Mini Plus with tube holders, 230V, UK Plug	36110120
Roto Mini Plus with tube holders, 230V, AU Plug	36110130

SHOP NOW

Vortex Mixer

Maximize Mixing, Minimize Noise, And Vibration

With a unique counter-balance system, the powerful Vortex Mixer offers instant vortex mixing without noise and vibration. The mixer features both touch and continuous operation with speeds from 200–3,200 rpm and can be used in a range of temperature environments (+4–65°C). Several optional mixing heads are available.

VORTEX MIXER	
Description	Part Number
Vortex Mixer with standard cup head, 115V, US Plug	36110740
Vortex Mixer with standard cup head, 230V, EU Plug	36110750
Vortex Mixer with standard cup head, 230V, UK Plug	36110760
Vortex Mixer avec tête support standard, 230V, AU Plug	36110770

ACCESSORIES	
Description	Part Number
Vortexer Flat head	36117310
COMBO™ Head	36117320
Optional Foam Rack for 12 x 15mL tubes	36117330
Optional Foam Rack for 5 x 50 mL tubes	36117340
Horizontal Head, for 12 x 1.5 mL	36117350
Horizontal Head, for 4 x 15 mL	36117360
Horizontal Head, for 2 x 50 mL	36117370

SHOP NOW

MICROCENTRIFUGES

Designed for quick, efficient spins in everyday workflows, our microcentrifuges provide fast separation in a compact, user-friendly format. Perfect for routine tasks such as microtubes, PCR strips or microplates centrifugation, they offer reliable performance without taking up valuable bench space.

CENTRY™ 101 Plate Centrifuge

No More Spills With Special Rotor Design

With its patented swing-out rotor design, the CENTRY™ 101 Plate Centrifuge prevents microplate contents from spilling, increasing the reliability of your reactions. The two-plate capacity centrifuge accepts most popular PCR plates and microplates and easily fits into hoods and on crowded benchtops.

CENTRY™ 101 PLATE CENTRIFUGE	
Description	Part Number
CENTRY 101 Plate Centrifuge, 115V, US Plug	36117390
CENTRY 101 Plate Centrifuge, 230V, EU Plug	36117400
CENTRY 101 Plate Centrifuge, 230V, UK Plug	36117410
CENTRY 101 Plate Centrifuge, 230V, AU Plug	36117420

SHOP NOW

CENTRY™ 117 Microcentrifuge

Improved Temperature Stability Keeps Samples Safe

Reaching speeds of up to 13,500 rpm, the CENTRY™ 117 Microcentrifuge has an easy-to-use touchscreen and built-in timer and offers one-button recall of up to nine stored custom run programs. Its proprietary air-flow system ensures temperature stability, preserving sample integrity on extended runs. The rotor design accommodates 1.5-2.0 mL tubes as well as PCR strips simultaneously.

CENTRY™ 117 MICROCENTRIFUGE	
Description	Part Number
CENTRY 117 Microcentrifuge, 115V, US Plug	36110200
CENTRY 117 Microcentrifuge, 230V, EU Plug	36110210
CENTRY 117 Microcentrifuge, 230V, UK Plug	36110220
CENTRY 117 Microcentrifuge, 230V, AU Plug	36110230

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CENTRY™ 103 Minicentrifuge

Quick And Safe Sample Centrifugation

The CENTRY™ 103 Minicentrifuge is an easy-to-use and portable benchtop device ideal for the quick separation of particles from a supernatant. It also enables a quick spin down of a drop of liquid from the walls of microtubes.

CENTRY™ 103 MINICENTRIFUGE	
Description	Part Number
CENTRY 103 Minicentrifuge (Universal Plug)	F110736

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FRACTION COLLECTORS

IDEAL SOLUTIONS FOR SMALL TO LARGE CAPACITY COLLECTION

Gilson offers advanced solutions for fraction collection from small-footprint to large capacity models. The collectors accommodate a wide variety of collection vessels, including microplates, vials, and tubes. The built-in, easy-to-use keypad makes setup and operation simple. The fraction collectors can be used standalone or controlled by TRILUTION® LC Software. The compact size fits most fume hoods to protect you from hazardous materials.

Powerful Fraction Collection Capabilities

Collection Mode	Without Diverter Valve	With Diverter Valve
Time	X	X
Drop	X	X
Peak		X
Time Windows		X

Multiple Fraction Collection possibilities:

The 3-way diverter valve allows for diverting column void volumes, peaks of no interest, and equilibration volumes to a waste vessel.

Easy integration into any system due to multiple input/output contacts connection, making them the preferred choice for a range of separation applications such as FPLC, flash chromatography, or HPLC.

Optional multicolumn adapters are available for parallel collection from multiple channels.

FC 203B Fraction Collector

The FC 203B Fraction Collector is commonly configured with a MINIPULS® 3 Peristaltic Pump for low pressure chromatography or any fractionation system.

- Holds one rack to perform:
    - Up to 128 fractions (12x75 mm tubes)
    - Up to 105 fractions (13x100 mm tubes)
    - One shallow- or deep-well microplate
- Available with and without diverter valve
- Optional multicolumn adapter to collect from up to 8 separate channels in parallel

LEARN MORE

FC 203B Fraction Collector	
Description	Part Number
FC 203B, 110/220 V	171011
FC 203B with 3-way valve	171011DV

FC 204 Fraction Collector

The FC 204 Fraction Collector is ideal for collecting fractions from a liquid chromatography system from analytical to preparative flow rates. Associated with a peristaltic pump, it can offer a quick installed and low-cost tubing filling system with a small footprint for use in biosafety cabinets with an easy-to-sterilize flow path for minimized contamination.

- Holds four racks to collect:
    - Up to 240 fractions (13x100 mm tubes)
    - Up to 176 fractions (18x180 mm tubes)
    - Up to eight shallow or deep-well microplates
- Available with a 3-way diverter valve for flow up to 20 mL/min or for flow up to 200 mL/min
- Optional multicolumn adapter allows for collection from up to 18 separate channels in parallel

LEARN MORE

FC 204 Fraction Collector	
Description	Part Number
FC 204, 110/220 V	171041
FC 204, 110/220V, 200ML/MIN	171043

YOUR PARTNER FOR AUTOMATION SUPPORT & INSTRUMENT SERVICE

AUTOMATE WITH CONFIDENCE: WE'RE WITH YOU AT EVERY STEP

Whether you're just starting to automate or scaling an existing setup, Gilson's team of scientific, application, and automation experts are here to guide you every step of the way. From selecting the right solution to hands-on implementation and long-term service, we help you automate at your pace and with confidence. Our certified engineers and specialists provide personalized installation, protocol guidance, and ongoing support to ensure your system performs reliably and evolves with your lab's needs.

AUTOMATION SUPPORT

Automation Experts to Help You Choose the Right Solution

You know it's time to automate certain workflows—but where do you start? Our team of scientific and automation experts are here to help. We'll work with you to understand your needs, comfort level, and budget, and recommend solutions that align with your goals. You stay in control, entering the automation journey at a pace that works for you.

From initial design to hands-on implementation, our experts will be by your side the entire time, ensuring your system is configured for success and delivering the time and cost savings your lab needs.

LET'S TALK ABOUT AUTOMATION

INSTRUMENT SERVICE

Expert Instrument Service, Backed by Decades of Precision

From installation to long-term support, our instrument service offerings are designed to meet your needs today while preparing you for tomorrow. With a team of scientific, application, and automation specialists, Gilson gives you:

- Certified, factory-trained service engineers
- Application-specific guidance and troubleshooting
- Flexible coverage plans to support your evolving lab
- A partner committed to your success

LEARN MORE

PIPETTE SERVICE & CALIBRATION YOU CAN RELY ON

REGULAR PIPETTE SERVICE MATTERS

Your pipettes need annual service and calibration by an authorized provider to maintain their accuracy and reliability. Inconsistent results can cost time, money, and confidence in your data. That's why reproducibility and traceable accuracy are at the heart of everything we do. At Gilson, we go beyond the point of purchase:

- Our certified technicians support all major pipette brands and models
- We operate under ISO 8655 guidelines and are ISO 17025 accredited
- We offer both mail-in and on-site service—fast, efficient, and compliant

Whether you're managing a single pipette or an entire lab, we're here to make sure your tools deliver dependable results, every time.

On-Site Pipette Service

If you manage a large number of pipettes, downtime can be costly. With Gilson's On-Site Service, you can keep your operations running smoothly — receiving the same top-quality care as our Mail-In service, but without the wait. Our team comes to you, providing fast and efficient service tailored to your lab's needs.

- Comprehensive Service for All Brands & Models (minimum order applies).
- Fast, Reliable, On-Site Calibration & Maintenance for minimal disruption.
- Expert Technicians ensuring high-performance results. Get Started Today!
- Contact us for more details on clinic requirements, technician availability, and pricing.

Mail in Service

Need to send your pipettes in for servicing? With Gilson's efficient Mail-In Service, you can quickly get your pipettes serviced and calibrated without any hassle. Here's how it works:

1. **Download and Complete Forms**: Download the service order and decontamination form, then fill them out with the necessary details.
2. **Check Pricing or Request a Quote**: View our pricing or contact us for a quotation.
3. **Prepare Your Pipettes**: Decontaminate and securely pack your pipettes to ensure safe transit.
4. **Ship Them to Us**: Send your pipettes along with the completed forms to the address provided.

Our Service Packages

Our service plans are flexible based on your specific needs: according to the number of measurements you'll request for your service, the price may vary, for more details, visit Gilson.com.

LEARN MORE

NOTES

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