

verity[®]

DILUTER DISPENSER



A SIMPLER STEP TO AUTOMATION

MAKE YOUR LAB LIFE EASIER

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 μ L 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.



Figure 1

VERITY[®] Diluter Dispenser with a VERITY[®] Syringe Pump

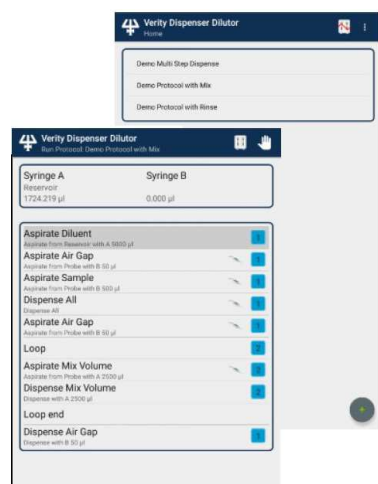


Figure 2

VERITY[®] Diluter Dispenser App

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.



Figure 3

Compatible syringe pumps: VERITY® 4020 Single Syringe Pump, VERITY® 4120 Dual Syringe Pump with Tee, and VERITY® 4220 Dual Syringe Pump

SYRINGE SPECIFICATIONS							
Syringe Size	100 µL	250 µL	500 µL	1 mL	5 mL	10 mL	25 mL
Max Flow Rate (mL/min)	6	15	30	60	120	240	240
Recommended Flow Rate	4	10	20	40	100	100	100

TECHNICAL SPECIFICATIONS		
Specification	Description	
Dimensions and Weight	VERITY® Diluter Dispenser 23.4 x 13.4 x 23.6 cm (9.2 x 5.3 x 9.3 in.) with wand holder attached, 1.5 kg (3.3 lbs)	
	VERITY® 4020 Single Syringe Pump 14.6 x 17.1 x 26.9 cm (5.8 x 6.7 x 10.6 in.), 4.4 kg (9.7 lbs)	
	VERITY® 4120 Dual with Tee Syringe Pump and VERITY® 4220 Dual Syringe Pump 22.6 x 17.1 x 26.9 cm (8.9 x 6.7 x 10.6 in.), 7.1 kg (15.7 lbs)	
Liquid Contact Materials	Description	Material
	Syringe	Glass PTFE Ekonal
	Syringe Valve	PEEK Ceramic PTFE
	Tee	PEEK
	Junction Tubing and Connectors	FEP PEEK
Accuracy	±2% (10%-90% syringe capacity, water)	Calculated as Systematic Error
Precision	1%	Calculated as Coefficient of Variation