

# seripettor®

The seripettor® bottle-top dispenser is an economical wiping seal dispenser suitable for many commonly used reagents in biological, clinical, medical, and chemical laboratories. It precisely dispenses a wide variety of liquids. Optional accessories, such as the flexible discharge tube, are available to increase productivity and convenience.

- **Dispenses Most Non-Aggressive Liquids:** The seripettor® is a low-cost, reliable tool for dispensing measured volumes of weak acids, alkaline solutions, polar solvents, isotonic solutions, methanol, and acetylacetone. See selection guide on page 47.
- **Simplifies Dispensing:** Notched volume selector allows for quick and exact volume adjustment. Spring-driven refill function enables one-handed operation.
- **Convenient Cleaning and Maintenance:** Innovative design permits simple disassembly and rapid replacement of wearing parts, extending instrument life.
- **Fits Most Reagent Containers:** The 45mm standard thread plus the included adapters with 33mm and 38mm thread fits most common lab bottles.
- **Dispenses Sterile Media:** Accessories are available for sterile dispensing.



## A Rugged, Economical Tool for Routine Dispensing.



## Technical data

### Operating limits and exclusions

Never use this instrument with:

- liquids attacking PP, PE or EPDM
- non-polar solvents like hydrocarbons and halogenated hydrocarbons
- concentrated or oxidizing acids
- explosive liquids (e.g., carbon disulfide)

This instrument is designed for dispensing liquids, observing the following limits:

- vapor pressure up to 500mbar
- density up to 2.2g/cm<sup>3</sup>
- temperature 15 to 40°C (59 to 104°F) (agar cultures up to 60°C)
- viscosity
  - 2mL instrument: 1000mm<sup>2</sup>/s
  - 10mL instrument: 150mm<sup>2</sup>/s
  - 25mL instrument: 75mm<sup>2</sup>/s
 (dynamic viscosity [mPas] = kinematic viscosity [mm<sup>2</sup>/s] x density [g/cm<sup>3</sup>])

### Sterile dispensing

Optional accessories are available to make dispensing of agar and other sterile liquids quick and easy with the seripettor®. These include:

- Sterile dispensing cartridges
- Valve block cap
- Special filling tube for autoclaving
- 0.2µm membrane filter



Sterile dispensing cartridge installation.



[1] Dispensing cartridge, non-sterile



[2] Dispensing cartridge, sterile



[3] Flexible discharge tube



[4] Valve block cap



[5] 0.2µm Membrane filter

### Items supplied

Each seripettor® bottle top dispenser includes:

- Spare dispensing cartridge
- Discharge tube
- Telescoping filling tube
- Operating manual
- Two PP adapters, 45/33mm and 45/38mm. See page 40 for other adapters
- One-year warranty

### ORDERING INFORMATION

Volume mL	Subdivision mL	A* ≤ ± %	CV* ≤ %	Cat. No.	2011 List Price
<b>seripettor®</b>					
NEW! 0.2-2	0.04	1.2	0.2	4721120	\$119.00
1-10	0.2	1.2	0.2	4721140	119.00
2.5-25	0.5	1.2	0.2	4721150	152.00

\* The value of accuracy and coefficient of variation are final test values referring to the delivered nominal volume, instrument and distilled water at equilibrium with ambient temperature (20°C/68°F) and with smooth operation.

A\*=Accuracy, CV\*=Coefficient of Variation

Description	Photo	Pack of	Cat. No.	2011 List Price
<b>Replacement Parts</b>				
Dispensing cartridge, for 2mL seripettor®, non-sterile	1	3	704500	\$41.00
Dispensing cartridge, for 10mL seripettor®, non-sterile	1	3	704502	41.00
Dispensing cartridge, for 25mL seripettor®, non-sterile	1	3	704504	57.60
Dispensing cartridge, for 2mL seripettor®, sterile	2	3	704507	109.00
Dispensing cartridge, for 10mL seripettor®, sterile	2	7	704506	109.00
Dispensing cartridge, for 25mL seripettor®, sterile	2	5	704508	115.00
Flexible discharge tubing for 2mL & 10mL seripettor® PTFE, 800mm	3	1	704522	84.00
Flexible discharge tubing for 25mL seripettor® PTFE, 800mm	3	1	704523	100.00
Discharge tube for 2mL seripettor®		1	704518	25.00
Discharge tube for 10mL and 25mL seripettor®		1	704520	25.00
Valve block cap for 2mL & 10mL seripettor®, PP	4	1	704552	23.00
Valve block cap for 25mL seripettor®, PP	4	1	704554	23.00
Filling tube for sterile applications, 250mm		1	704536	7.20
Filling tube for sterile applications, 500mm		1	704538	10.40
Membrane filter, 0.2µm	5	10	26535	77.00

### Bottles & Adapters

See detailed listing on page 40-41.