The economy dispenser for routine dispensing. Precise, rugged, low-cost. From BRAND.

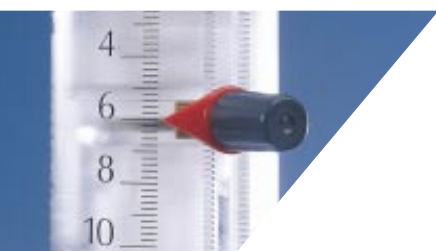**BRAND**

seripettor®

- ■ Economical dispensing of non-aggressive liquids.

- ■ Low-cost replaceable piston, cylinder and valves!

- ■ Easy cleaning and maintenance.

- ■ Easy to operate.

- ■ Refills automatically!

seripettor®

seripettor® is a new bottle-top dispenser from BRAND. With its innovative concept and design it is a real low-cost alternative to high-end dispensers. Materials of construction allow for dispensing of many common laboratory liquids: dilute acids, buffers, biological solutions, polar solvents – even strong alkaline solutions!
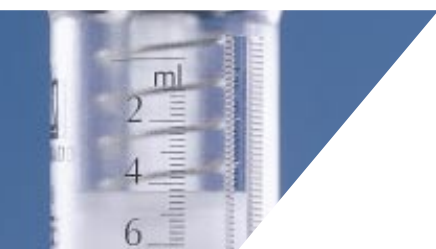
The economical dispenser for routine dispensing!

■ Volume setting
Scalopped track allow for quick and exact setting of desired volume.

■ Replaceable dispensing cartridge
Low-cost cartridges install in seconds to extend life of the dispenser. One spare cartridge included free!

■ Semi-automatic dispensing
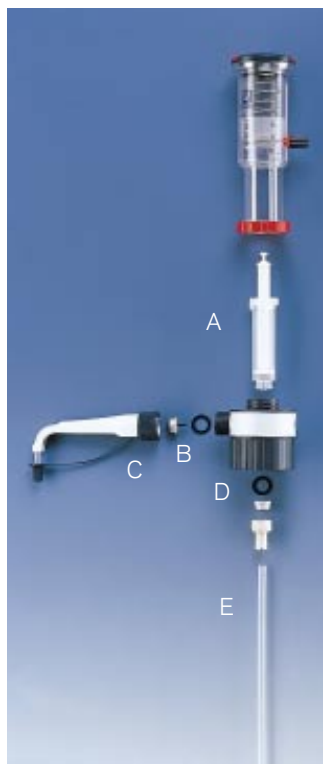The spring loaded piston refills the cylinder after dispensing.

■ Fits most bottles
Valve block (45 mm) and included adapters (32 and 40 mm) match the threads of the most common reagent bottles.

Replaceable components save time and money!

Disassembles without tools!

The innovative design of seripettor® makes cleaning and maintenance easy. All parts can be replaced quickly without tools.
Replaceable components:
Dispensing cartridge (A),
Discharge valve (B),
Discharge tube (C),
Filling valve (D),
Filling tube (E).

...for Your Application

The parts of seripettor® which come in contact with dispensed liquids are made of Polypropylene (PP), Polyethylene (PE) and Ethylene-Propylene-Diene-Rubber (EPDM). This allows for precise dispensing of many liquids commonly used in chemical, biological and medical labs, such as:

Aqueous solutions

Routine dispensing of buffers, culture media, vitamin solutions etc.

Acids

Low concentrated, dilute or non-oxydizing acids, such as 10% HCl or 10% HNO_3 can be dispensed directly from the bottle.

Alkaline solutions

The components of seripettor® are compatible with alkaline solutions, such as NaOH, KOH and ammonia.

Polar solvents

Such as acetone, ethanol, acetylacetone.

Fluid path

Parts of seripettor® which come in contact with dispensed liquids are made of PP, PE and EPDM.

Operating limits

Liquids which do not attack the materials of the fluid path can be used whithin the following limits:
Vapor pressure:
up to 500 mbar
Viscosity:
10 ml instrument: 150 mm²/s
25 ml instrument: 75 mm²/s
Density: up to 13.6 g/cm³
Temperature:
up to 40 °C/104 °F (other temperatures on request)

Liquids that should not be dispensed include, but are not limited to:
– concentrated or oxidizing acids
– non-polar solvents like hydrocarbons and halogenated hydrocarbons

For compatibility with your specific reagent, contact BRAND.

Items supplied

1 seripettor®,
1 operating manual,
2 dispensing cartridges,
1 discharge tube,
1 filling tube,
2 PP adapters
(GL 45/32 and
GL 45/S 40)

Ordering data

(See page 3 for items supplied.)

seripettor®

seripettor®

Volume ml	Subdivision ml	A* ≤ ± %	CV* ≤ %	Cat. No.
1 - 10	0.2	1.2	0.2	4720 140
2.5 - 25	0.5	1.2	0.2	4720 150

* The values 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 (68 °F/20 °C), and with smooth operation. A = Accuracy, CV = coefficient of variation.

Dispensing cartridge

Piston (PE), cylinder (PP). Set of 3.

10 ml	Cat. No. 7045 02
25 ml	Cat. No. 7045 04

Adapter

Polypropylene (PP). Pack of 1.

Thread mm	for bottle thread mm	Cat. No.
GL 32	GL 22	7043 22
GL 32	GL 25	7043 25
GL 32	GL 28	7043 28
GL 32	GL 30	7043 30
GL 32	S 40	7043 40
GL 32	GL 45	7043 45
GL 45	GL 32	7043 96
GL 45	S 40	7043 43
GL 45	GL 38	7043 97
S 40	S 60	7043 48
	for standard taper joints	
GL 32	NS 19/26	7044 19
GL 32	NS 24/29	7044 24
GL 32	NS 29/32	7044 29
GL 32	**flanged rim**	7044 85

Optional exchange components

Description	Cat. No.
Valve set (1 filling valve, 1 discharge valve, 2 seals)	67 90
Discharge tube, PP	7045 20

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Our technical literature is intended to inform and advise our customers. However, the validity of general empirical values and results obtained under test conditions for specific applications depends on a number of factors beyond our control. Please appreciate therefore that no claims can be derived from our advice. You yourself are responsible for checking very carefully the validity for your particular application.

Technical details are subject to modification. Patents pending.

Filling tube

PP. Pack of 2.

250 mm	Cat. No. 7045 32
500 mm	Cat. No. 7045 34