



seripettor® seripettor® pro

The dispenser for biological laboratories

BRAND. For lab. For

- + Simple: lifting spring for automatic filling
- + Easy: maintenance without tools
- + Efficient: for fast and reliable serial dispensing

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Get to know the seripettor® and seripettor® *pro*

The seripettor® and seripettor® *pro* bottle-top dispensers make dispensing in the biology labs simple, easy, and efficient. They are designed to dispense buffer solutions, culture media, vitamin solutions, acids, bases, salt solutions, and many polar solvents. The seripettor® can also be used to dispense agar culture media up to 60°C.

The seripettor® and seripettor® *pro* are innovative, specially-designed bottle-top dispensers from BRAND. A lifting spring ensures effortless filling.

Maintenance does not require tools. The concept minimizes the effort for cleaning and maintenance. It allows all functional parts to be replaced quickly and easily by the user without the need for tools. When the piston seal is worn out, the entire dispensing unit can be replaced by the user quickly and easily.



seripettor® / seripettor® *pro*

- + Replaceable dosing unit and wearing parts
- + Easy cleaning and maintenance
- + Easy to operate
- + Simple and effortless aspirating and dispensing
- + Volume range from 0.2 to 25 ml

At a glance: Advantages of seripettor®

The concept of the seripettor® bottle-top dispenser allows all functional parts to be replaced quickly and easily by the

user without tools. The effort for cleaning and maintenance is minimized.



seripettor® pro

Pump assembly with lifting spring

automatic filling of the dispensing unit

Discharge tube

Large viewport

enables inspection of media

Hinged screw cap

doesn't get in the way when dispensing



Volume selection

with scalloped track

Replaceable dispensing cartridge

with direct wiping piston seal

Valve block

match the threads of the most common reagent bottles



Sterile filtration of media directly from the bottle using the discharge tube with Luer-Lock connection



Serial dispensing with flexible dispensing tube



Preparing the seripettor® for autoclaving



Easy maintenance without tools

Dispenser Selection Chart

Reagent	seripettor®	seripettor® pro	Medium	seripettor®	seripettor® pro	Oxalic acid	+	+
Acetaldehyde		+	Chromic acid, 50%		+	PBS buffer	+	+
Acetic acid, 5%	+	+	Copper sulfate	+	+	Perchloric acid		+
Acetic acid, 96%		+	Cumene (Isopropyl benzene)		+	Phenol		+
Acetic acid (glacial), 100%		+	Diethylene glycol	+	+	Phosphoric acid, 85%		+
Acetone		+	Dimethyl sulfoxide (DMSO)		+	Piperidine		+
Acetonitrile		+	Dimethylaniline		+	Polysorbate (TWEEN®)	+	+
Acetophenone	+		Ethanol	+	+	Potassium chloride	+	+
Acetylacetone	+	+	Ethidium bromide solution	+	+	Potassium dichromate	+	+
Acrylic acid		+	Formaldehyde, 40%	+	+	Potassium hydroxide	+	+
Acrylonitrile		+	Formamide	+	+	Potassium hydroxide in ethanol	+	+
Adipic acid	+	+	Formic acid, 100%		+	Potassium permanganate	+	+
Agar (60 °C)	+		Glycerol	+	+	Propionic acid	+	+
Allyl alcohol	+	+	Glycol (Ethylene glycol)	+	+	Propylene glycol (Propanediol)	+	+
Aluminium chloride	+	+	Glycolic acid, 50%	+	+	Pyridine		+
Amino acids	+	+	Guanidine hydrochloride	+	+	Pyruvic acid	+	+
Ammonia, 30%	+	+	HEPES buffer	+	+	Ringer's solution	+	+
Ammonium chloride	+	+	Hexanoic acid	+	+	RPMI 1640	+	+
Ammonium fluoride	+	+	Hexanol		+	Salicylaldehyde		+
Ammonium sulfate	+	+	Hydriodic acid	+	+	Salicylic acid	+	+
Amyl alcohol (Pentanol)	+	+	Hydrobromic acid		+	SDS (sodium dodecyl sulfate)	+	+
n-Amyl acetate		+	Hydrochloric acid, 37%		+	Silver acetate	+	+
Aniline		+	Hydrogen peroxide, 35%	+		Silver nitrate	+	+
Barium chloride	+	+	Isoamyl alcohol		+	Sodium acetate	+	+
Benzaldehyde		+	Isobutanol	+	+	Sodium chloride	+	+
Benzyl alcohol		+	Isopropanol (2-Propanol)	+	+	Sodium dichromate	+	+
Benzylamine		+	Lactic acid	+	+	Sodium fluoride	+	+
Benzylchloride		+	LB media	+	+	Sodium hydroxide, 30%	+	+
Boric acid, 10%	+	+	McCoy's 5A	+	+	Sodium hypochlorite 20% (active chlorine approx. 10%)		
BSA serum	+	+	MEM	+	+	Sulfuric acid, 10%	+	+
Butanediol	+	+	Methanol	+	+	Tartaric acid		+
1-Butanol		+	Methyl benzoate		+	Tris-buffered saline w. Tween20	+	+
Butylamine		+	Methyl ethyl ketone		+	TE buffer	+	+
n-Butyl acetate		+	Methyl propyl ketone		+	TRIS buffer	+	+
Calcium carbonate	+	+	Mineral oil (Engine oil)		+	Urea	+	+
Calcium chloride	+	+	Monochloroacetic acid		+	Zinc chloride, 10%	+	+
Calcium hydroxide	+	+	Nitric acid, 10%		+	Zinc sulfate, 10%	+	+
Calcium hypochlorite		+	Octoxinol 9 (TRITON™ X-100)	+	+			
Chloroacetaldehyde, 45%		+						
Chloroacetic acid		+						
Chromic acid, 50%		+						
Copper sulfate	+	+						

The above recommendations reflect testing completed prior to publication. Always follow instructions in the operating manual of the instrument as well as the reagent manufacturer's specifications. In addition to these chemicals, a variety of organic and inorganic saline solutions (e.g., biological buffers), biological detergents and media for cell culture can be dispensed. Should you require information on chemicals not listed, please feel free to contact BRAND. Status as of: 0420-9

Operating Limits

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

- + Vapor pressure up to 500 mbar
- + Dichte max. 2,2 g/cm³
- + +15 °C to +40 °C (59 °F bis 104 °F) of instrument and reagent (seripettor®: agar cultures up to 60 °C)
- + Viscosity 2 ml instrument: 300 mm²/s
10 ml instrument: 150 mm²/s
25 ml instrument: 75 mm²/s

seripettor® and seripettor® pro are not suitable for HF. For dispensing HF, we recommend the use of the Dispensette® S Trace Analysis bottle-top dispenser with platinum-iridium valve spring.



Ordering information



seripettor®

Bottle-top dispenser

Items supplied:

Bottle-top dispenser seripettor®, for threaded bottles GL 45, discharge tube, filling tube, spare dispensing cartridge and PP adapters GL 32, GL 38 and S 40.

Volume ml	Subdivision ml	A* ≤ ± %	μl	CV* ≤ %	μl	Cat. No.
0.2 - 2	0.04	1.2	24	0.2	4	4720120
1 - 10	0.2	1.2	120	0.2	20	4720140
2.5 - 25	0.5	1.2	300	0.2	50	4720150



seripettor® pro

Bottle-top dispenser

Items supplied:

Bottle-top dispenser seripettor® pro, for threaded bottles GL 45, discharge tube, filling tube, spare dispensing cartridge and PP adapters GL 32, GL 38 and S 40.0.

Volume ml	Subdivision ml	A* ≤ ± %	μl	CV* ≤ %	μl	Cat. No.
0.2 - 2	0.04	1.2	24	0.2	4	4720420
1 - 10	0.2	1.2	120	0.2	20	4720440
2.5 - 25	0.5	1.2	300	0.2	50	4720450

* All dispensers calibrated to deliver (TD, Ex). Error limits according to the nominal capacity (= maximum volume) indicated on the instrument, obtained with instrument and distilled water at equilibrium with ambient temperature at 20 °C, and with smooth, steady operation. A = Accuracy, CV = Coefficient of variation

Materials of Construction

	seripettor®	seripettor® pro
Betätigungseinheit	PC	PPO/PEI (UV protection)
Lifting spring	spring steel	Hastelloy® (stainless)
Dispensing cartridge	PE/PP	PE/PP
Valve block	PP	PP
Valve	PP/EPDM	ETFE/borosilicate glass/Al ₂ O ₃ /Pt-Ir
Discharge tube	FEP	PTFE/ETFE/FEP/PFA/borosilicate glass/Al ₂ O ₃ /Pt-Ir
Filling tube	PP	Telescoping filling tube, FEP/PTFE
Cap for discharge tube	Stopper cap, PP	Screw cap, PP

When the device is handled properly, the dispensed liquid comes into contact with the following chemical-resistant materials only:
Borosilicate glass, Al₂O₃, PE, PP, EPDM, FEP, ETFE, PTFE, platinum-iridium.

Accessories for simple and efficient work



Dispensing cartridges

For seripettor®/seripettor® *pro*.

Non-sterile and sterile piston (PE), cylinder (PP).

Description	Pack of	Cat. No.
2 ml, non-sterile	3	704500
10 ml, non-sterile	3	704502
25 ml, non-sterile	3	704504
2 ml, sterile (individually wrapped)	7	704507
10 ml, sterile (individually wrapped)	7	704506
25 ml, sterile (individually wrapped)	5	704508



Flexible discharge tube*

PTFE, coiled, length 800 mm, with handle.

Nominal volume	Cat. No.
2 + 10 ml	704522
25 ml	704523

* Not suitable for HF and peroxides.



Pump assembly seripettor®

PC, spring steel lifting spring.
Pack of 1.

Description	Cat. No.
2 ml	704541
10 ml	704542
25 ml	704544



Pump assembly seripettor® *pro*

PPO. PEI (UV protection).
Hastaloy (stainless) lifting
spring. Pack of 1.

Description	Cat. No.
2 ml	704551
10 ml	704548
25 ml	704549



Discharge tube with Luer-Lock attachment for micro filter**

FEP/PP.

Pack of	Cat. No.
1	707928*

** not suitable for peroxide

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