

seripettor® *pro*

The seripettor® *pro* is a bottletop dispenser designed to handle a wider range of liquids than the regular seripettor® for customers who do not require all of the features of the Dispensette®. Like the regular seripettor®, it features an easily-replaceable wiping seal dispensing cartridge, making it especially suitable for liquids that tend to form crystals.

- **Replaceable Dispensing Cartridge:** Quick-change cartridge makes service a breeze and keeps life-time service costs low. If wiping seals wear out, or are damaged by crystallizing reagents, just change the inexpensive cartridge, and you're back in business!
- **Protects Light-sensitive Reagents:** Pump assembly with Hastalloy stainless steel spring. An opaque upper sleeve helps protect liquid from UV-light during dispensing operations, while permitting observation of cylinder to confirm purging of bubbles.
- **Wide Chemical Range:** Valves and seals on the seripettor® *pro* allow a broader range of liquids to be dispensed than the regular seripettor®.
- **Telescoping Filling Tube:** Adjusts to fit many bottles without cutting.
- **Threaded Safety Cap:** Attaches and removes with a quick twist.
- **Spring-loaded Piston:** Permits one-handed, semi-automatic operation.

An
Economical,
Versatile
Wiping-Seal
Dispenser.



ORDERING INFORMATION

Volume mL	Subdivision mL	A* ≤ ± %	CV* ≤ %	Cat. No.	2011 List Price
seripettor® <i>pro</i>					
NEW! 0.2-2	0.04	1.2	0.2	4721420	\$304.00
1-10	0.2	1.2	0.2	4721440	304.00
2.5-25	0.5	1.2	0.2	4721450	435.00

* 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



[1] Dispensing cartridge, non-sterile



[2] Flexible discharge tube



[3] Telescoping filling tubes, FEP

Description	Photo	Pack of	Cat. No.	2011 List Price
Replacement Parts				
Dispensing cartridge, for 2mL seripettor® <i>pro</i> , non-sterile	1	3	704500	\$41.00
Dispensing cartridge, for 10mL seripettor® <i>pro</i> , non-sterile	1	3	704502	41.00
Dispensing cartridge, for 25mL seripettor® <i>pro</i> , non-sterile	1	3	704504	57.60
Flexible discharge tube for 2mL & 10mL seripettor® <i>pro</i>	2	1	704522	84.00
Flexible discharge tube for 25mL seripettor® <i>pro</i>	2	1	704523	100.00
Discharge tube for 2mL seripettor® <i>pro</i>	1		707915	53.00
Discharge tube for 10mL seripettor® <i>pro</i>	1		707916	49.00
Discharge tube for 25mL seripettor® <i>pro</i>	1		707918	59.00

Bottle Thread Adapters

See detailed thread adapter listing on page 40.

Telescoping filling tubes, FEP (Photo 3)	Length, mm (inches)	Cat. No.	2011 List Price
For Nominal Volume, mL			
2, 10	70 - 140 (2.6" - 5.5")	704202	\$13.40
2, 10	125 - 240 (4.9" - 9.5")	704203	14.60
2, 10	250 - 480 (9.8" - 18.9")	704201	17.60
25	170 - 330 (6.7" - 13.0")	704204	18.60
25	250 - 480 (9.8" - 18.9")	704205	20.60

Operating limits and exclusions

Never use this instrument with:

- liquids attacking PP, PE, Al₂O₃ - ceramic, ETFE, FEP, PFA and PTFE (e.g., dissolved sodium azide)
- liquids attacking borosilicate glass (e.g., hydrofluoric acid)
- liquids which are decomposed catalytically by platinum-iridium (e.g., H₂O₂)
- non-polar solvents like hydrocarbons and halogenated hydrocarbons
- concentrated or oxidizing acids (excluding HCl)
- explosive liquids (e.g., carbon disulfide)
- suspensions (e.g., of charcoal) as solid particles may clog or damage the instrument

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

- vapor pressure up to 500mbar
- density up to 2.2g/cm³
- temperature 15 to 40°C (59 to 104°F)
- viscosity
 - 2mL instrument: 1000mm²/s
 - 10mL instrument: 150mm²/s
 - 25mL instrument: 75mm²/s
 (dynamic viscosity [mPas] = kinematic viscosity [mm²/s] x density [g/cm³])

Items supplied

Each seripettor® pro bottle top dispenser includes:

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



Areas of application / Chemical selection list (as of May 2010)

- seripettor® economy dispenser
- seripettor® pro economy dispenser

Reagent	seripettor®	seripettor pro®
Acetaldehyde		+
Acetic acid (glacial), 100%		+
Acetic acid, 5%	+	+
Acetic acid, 96%		+
Acetone		+
Acetonitrile		+
Acetophenone	+	
Acetylacetone	+	+
Acrylic acid		+
Acrylonitrile		+
Adipic acid	+	+
Agar (60°C)	+	
Allyl alcohol	+	+
Aluminium chloride	+	+
Amino acids	+	+
Ammonium chloride	+	+
Ammonium fluoride	+	+
Ammonium hydroxide, Ammonia 30%	+	+
Ammonium sulfate	+	+
Amyl alcohol (Pentanol)	+	+
n-Amyl acetate		+
Aniline		+
Barium chloride	+	+
Benzaldehyde		+
Benzyl alcohol		+
Benzylamine		+
Benzylchloride		+
Boric acid, 10%	+	+
Butanediol	+	+
1-Butanol		+
Butylamine		+
n-Butyl acetate		+
Calcium carbonate	+	+
Calcium chloride	+	+
Calcium hydroxide	+	+
Calcium hypochlorite	+	+
Chloroacetaldehyde, 45%		+
Chloroacetic acid		+
Chromic acid, 50%		+
Copper sulfate	+	+
Cumene (Isopropyl benzene)		+
Diethylene glycol	+	+
Dimethyl sulfoxide (DMSO)		+
Dimethylaniline		+
Essential oil		+
Ethanol	+	+
Ethyl methyl ketone	+	+
Formaldehyde, 40%	+	+
Formamide	+	+

Reagent	seripettor®	seripettor pro®
Formic acid, 100%		+
Glycerol	+	+
Glycol (Ethylene glycol)	+	+
Glycolic acid, 50%	+	+
Hexanoic acid	+	+
Hexanol		+
Hydriodic acid	+	+
Hydrobromic acid		+
Hydrochloric acid, 37%		+
Hydrogen peroxide, 35%	+	
Isoamyl alcohol		+
Isobutanol (Isobutyl alcohol)	+	+
Isopropanol (2-Propanol)	+	+
Lactic acid	+	+
Methanol	+	+
Methyl benzoate		+
Methyl propyl ketone		+
Mineral oil (Engine oil)		+
Monochloroacetic acid		+
Nitric acid, 10%		+
Oxalic acid	+	+
Perchloric acid		+
Phenol		+
Phosphoric acid, 85%		+
Piperidine		+
Potassium chloride	+	+
Potassium dichromate	+	+
Potassium hydroxide	+	+
Potassium hydroxide in ethanol	+	+
Potassium permanganate	+	+
Propionic acid	+	+
Propylene glycol (Propanediol)	+	+
Pyridine		+
Pyruvic acid	+	+
Salicylaldehyde		+
Salicylic acid	+	+
Silver acetate	+	+
Silver nitrate	+	+
Sodium acetate	+	+
Sodium chloride	+	+
Sodium dichromate	+	+
Sodium fluoride	+	+
Sodium hydroxide, 30%	+	+
Sodium hypochlorite	+	+
Sulfuric acid, 10%	+	+
Tartaric acid		+
Urea	+	+
Zinc chloride, 10%	+	+
Zinc sulfate, 10%	+	+

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 BrandTech. Status as of: May 2010/6.

NOTE: The seripettor® and seripettor® pro bottle top dispensers cannot be used with hydrofluoric acid (HF). See page 34 of the BrandTech 2011/2012 catalog for descriptions of the Dispensette® HF and Dispensette® TA dispensers which are the only Dispensette® dispensers designed for use with HF.

For the most current version of this chart, visit our website www.brandtech.com.