

# 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.

- **Wide Chemical Range:** Valves and seals on the seripettor® *pro* allow a broader range of liquids to be dispensed than the regular seripettor®.
- **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.
- **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!
- **Telescoping Filling Tube:** Adjusts to fit many bottles without cutting.
- **Discharge tube with a threaded Safety Screw Cap:** Attaches and removes with a quick twist
- **Spring-loaded Piston:** Permits one-handed, semi-automatic operation.
- **Threaded Safety Cap:** Attaches and removes with a quick twist.

## An Economical, Versatile Wiping-Seal Dispenser.



### ORDERING INFORMATION

Volume, mL	Subdivision, mL	A* < ± %	CV* ≤ %	Cat. No.	2014 List Price
<b>seripettor® <i>pro</i></b>					
<b>NEW!</b> 0.2-2	0.04	1.2	0.2	4720420	\$332.00
1-10	0.2	1.2	0.2	4720440	332.00
2.5-25	0.5	1.2	0.2	4720450	474.00

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

\* 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.



[1] Dispensing cartridge, non-sterile



[2] Flexible discharge tube



[3] Telescoping filling tubes, FEP

Description	Photo	Pack of	Cat. No.	2014 List Price
<b>Dispensing cartridge</b>				
Dispensing cartridge, for 2mL seripettor® <i>pro</i> , non-sterile	1	3	704500	\$45.00
Dispensing cartridge, for 10mL seripettor® <i>pro</i> , non-sterile	1	3	704502	45.00
Dispensing cartridge, for 25mL seripettor® <i>pro</i> , non-sterile	1	3	704504	63.00
Flexible discharge tube for 2mL & 10mL seripettor® <i>pro</i>	2	1	704522	92.00
Flexible discharge tube for 25mL seripettor® <i>pro</i>	2	1	704523	114.00
Discharge tube for 2mL seripettor® <i>pro</i>		1	707915	58.00
Discharge tube for 10mL seripettor® <i>pro</i>		1	707916	54.00
Discharge tube for 25mL seripettor® <i>pro</i>		1	707918	54.00

### Bottle Thread Adapters

See detailed thread adapter listing on page 43.

### Telescoping filling tubes

For Nominal Volume, mL	Length, mm (inches)	Photo	Pack of	Cat. No.	2014 List Price
2, 10	70 - 140 (2.6 - 5.5)	3	1	704202	\$14.60
2, 10	125 - 240 (4.9 - 9.5)	3	1	704203	16.40
2, 10	250 - 480 (9.8 - 18.9)	3	1	704201	19.40
2, 10	195 - 350 (7.7 - 13.8)	3	1	704208	31.00
25	170 - 330 (6.7 - 13.0)	3	1	704204	20.40
25	250 - 480 (9.8 - 18.9)	3	1	704205	22.40

seripettor® *pro* bottle top dispenser

### Operating limits and exclusions

Never use this instrument with:

- liquids attacking PP, PE, Al<sub>2</sub>O<sub>3</sub> - 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., H<sub>2</sub>O<sub>2</sub>)
- 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/cm<sup>3</sup>
- temperature 15° to 40°C (59° to 104°F)
- viscosity  
2mL instrument: 1300mm<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>])

\*Dissolved sodium azide permitted up to a max. of 0.1%

### Items supplied

Each seripettor® *pro* bottle top dispenser includes:

- Spare dispensing cartridge
- Discharge tube
- Telescoping filling tube
- Two PP adapters, 45/540mm and 45/33mm. See page 43 for other adapters
- Operating manual
- One-year warranty



### Areas of application / Chemical selection list (as of January 2014)

■ seripettor® dispenser

■ seripettor® *pro* dispenser

Reagent	seripettor®	seripettor® <i>pro</i>	Reagent	seripettor®	seripettor® <i>pro</i>
Acetaldehyde		+	Glycol (Ethylene glycol)	+	+
Acetic acid, 5%	+	+	Glycolic acid, 50%	+	+
Acetic acid, 96%		+	Hexanoic acid	+	+
Acetic acid (glacial), 100%		+	Hexanol		+
Acetone		+	Hydriodic acid	+	+
Acetonitrile		+	Hydrobromic acid		+
Acetophenone	+		Hydrochloric acid, 37%		+
Acetylacetone	+	+	Hydrogen peroxide, 35%	+	
Acrylic acid		+	Isoamyl alcohol		+
Acrylonitrile		+	Isobutanol	+	+
Adipic acid	+	+	Isopropanol (2-Propanol)	+	+
Agar (60°C)	+	+	Lactic acid	+	+
Allyl alcohol	+	+	Methanol	+	+
Aluminium chloride	+	+	Methyl benzoate		+
Amino acids	+	+	methyl ethyl ketone		+
Ammonia 30%	+	+	Methyl propyl ketone		+
Ammonium chloride	+	+	Mineral oil (Engine oil)		+
Ammonium fluoride	+	+	Monochloroacetic acid		+
Ammonium sulfate	+	+	Nitric acid, 10%		+
Amyl alcohol (Pentanol)	+	+	Oxalic acid	+	+
n-Amyl acetate		+	Perchloric acid		+
Aniline		+	Phenol		+
Barium chloride	+	+	Phosphoric acid, 85%		+
Benzaldehyde		+	Piperidine		+
Benzyl alcohol		+	Potassium chloride	+	+
Benzylamine		+	Potassium dichromate	+	+
Benzylchloride		+	Potassium hydroxide	+	+
Boric acid, 10%	+	+	Potassium hydroxide in ethanol	+	+
Butanediol	+	+	Potassium permanganate	+	+
1-Butanol		+	Propionic acid	+	+
Butylamine		+	Propylene glycol (Propanediol)	+	+
n-Butyl acetate		+	Pyridine		+
Calcium carbonate	+	+	Pyruvic acid	+	+
Calcium chloride	+	+	Salicylaldehyde		+
Calcium hydroxide	+	+	Salicylic acid	+	+
Calcium hypochlorite		+	Silver acetate	+	+
Chloroacetaldehyde, 45%		+	Silver nitrate	+	+
Chloroacetic acid		+	Sodium acetate	+	+
Chromic acid, 50%		+	Sodium chloride	+	+
Copper sulfate	+	+	Sodium dichromate	+	+
Cumene (Isopropyl benzene)		+	Sodium fluoride	+	+
Diethylene glycol	+	+	Sodium hydroxide, 30%	+	+
Dimethyl sulfoxide (DMSO)		+	Sodium hypochlorite (active Chlorine approx. 10%)		+
Dimethylaniline		+	Sulfuric acid, 10%	+	+
Ethanol	+	+	Tartaric acid		+
Formaldehyde, 40%	+	+	Urea	+	+
Formamide	+	+	Zinc chloride, 10%	+	+
Formic acid, 100%		+	zinc sulfate, 10%	+	+
Glycerol	+	+			

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: 0114/9.

**NOTE:** The seripettor® & seripettor® *pro* bottle top dispensers cannot be used with hydrofluoric acid (HF). See page 37 of the BrandTech 2014/2015 catalog for description of the Dispensette® TA Pt-Ir dispenser which is the only BRAND dispenser designed for use with HF.

For the most current version of this chart, visit our website [www.brandtech.com](http://www.brandtech.com).