Reliable long-lasting precision

Varispenser® and Varispenser® plus

Our Varispenser and Varispenser plus are ideal for dispensing aliquots of liquid from large supply bottles. Their smart design makes them capable of extracting reproducible dispensing volumes with no reagent waste.

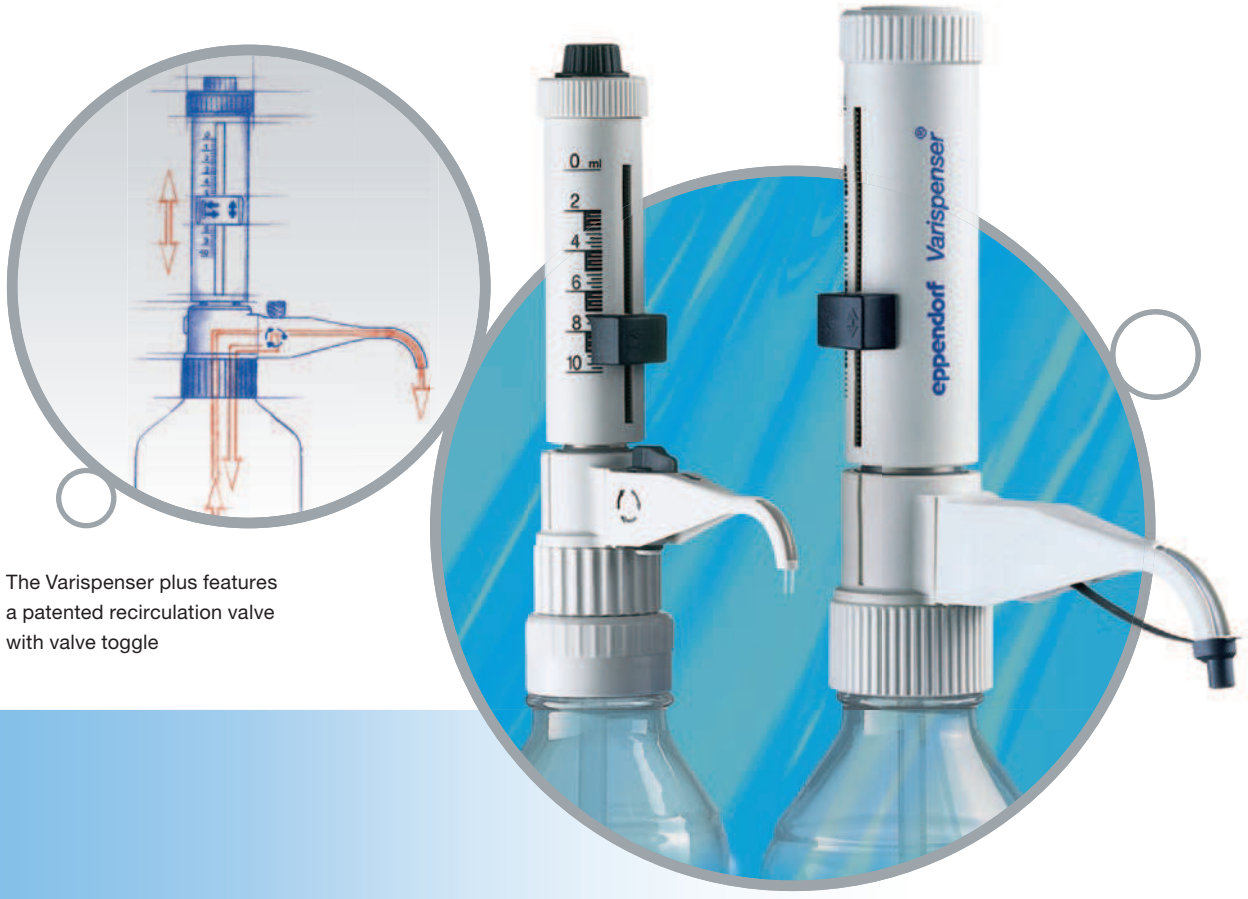
Their tight seal provides the best possible protection against contact with caustic media, such as solvents, and they are chemically resistant and fully autoclavable for the utmost in safety for you and your lab.

Varispenser/Varispenser plus features

- Extensive volume range (6 sizes)
- Highly resistant to chemicals
- Rapid volume setting using precise graduation scale
- PFA-sealing of the slide piston prevents jamming
- Wiping piston design prevents crystallization of liquid
- Telescopic filling tube for use with most bottles
- Easy disassembling and cleaning
- Completely autoclavable without disassembling

Varispenser plus features

- Fine adjustment depending on viscosity of liquid
- Recirculation valve reduces waste by channeling reagent back into the bottle during priming



- The Varispenser plus features a patented recirculation valve with valve toggle

Application area for Varispenser®/Varispenser® plus

For each chemical, 2 numbers are given. The numbers on the left display the stability at a test temperature of +20 °C, the numbers on the right the stability at +50 °C.

Salts were tested as almost saturated solutions.
All data are recommendations without guarantee.
1 = usable, 2 = limited usage, 3 = not usable

Materials ▸ / Chemicals ▾	PP Adapter rings	Varispenser can be used	borosilicate glass 3.3	PTFE	PFA
A					
Acetaldehyde	1/1	1/1	1/1	**1/1**	1/3*1
Acetic acid 50%	1/1	1/1	1/1	**1/1**	1/1
Acetone *4	1/1	1/1	1/1	**1/1**	1/1
Acetonitrile *4	1/1	1/1	1/1	**1/1**	2/3*1
Acrylonitrile	1/1	1/1	1/1	**1/1**	2/3*1
Adipic acid	1/1	1/1	1/1	**1/1**	1/1
Allyl alcohol	1/1	1/1	1/1	**1/1**	1/1
Aluminum chloride solution	1/1	1/1	1/1	**1/1**	1/1
Aluminum hydroxide	1/1	1/1	1/1	**1/1**	1/1
Amino acids	1/1	1/1	1/1	**1/1**	1/1
Ammonium chloride solution	1/1	1/1	1/1	**1/1**	1/1
Ammonium hydroxide 25%	1/1	1/1	1/1	**1/1**	1/1
n-Amyl acetate	1/1	1/1	1/1	**1/1**	2/3*1
Amyl alcohol	1/1	1/1	1/1	**1/1**	1/1
Amyl chloride	1/1	1/1	1/1	**1/1**	3/3*1
Aniline	1/1	1/1	1/1	**1/1**	1/1
B					
Barium chloride ($BaCl_2$)	1/1	1/1	1/1	**1/1**	1/1
Benzaldehyde	1/2	1/1	1/1	**1/2**	1/1
Benzene	1/1	1/1	1/1	**1/1**	1/2*1
Benzine	1/1	1/1	1/1	**1/1**	2/2*1
Benzyl alcohol	1/1	1/1	1/1	**1/1**	3/3*1
Boric acid	1/1	1/1	1/1	**1/1**	1/1
n-Butanol	1/1	1/1	1/1	**1/1**	1/1
n-Butyl acetate	1/1	1/1	1/1	**1/1**	2/2*1
C					
Calcium chloride	1/1	1/1	1/1	**1/1**	1/1
Chloroacetic acid	1/1	1/1	1/1	**1/1**	1/1
Chromic acid 10%	1/1	1/1	1/1	**1/1**	1/1
Chromic acid 50% *2	1/1	1/1	1/1	**1/1**	2/2*1
Chromic sulfuric acid, conc. *2	1/1	1/1	1/1	**1/1**	3/3*1
Cresol	1/1	1/1	1/1	**1/1**	1/2*1
Cupric sulphate	1/1	1/1	1/1	**1/1**	1/1
D					
Dibutyl phthalate	1/1	1/1	1/1	**1/1**	1/2*1
Dichlorobenzene	1/1	1/1	1/1	**1/1**	2/3*1
Dichlorethane (Ethyl dichloride) *4	1/1	1/1	1/1	**1/1**	2/3*1
Dichlormethane (Methylene chloride) *4	1/1	1/1	1/1	**1/1**	2/3*1
Diethylene glycol	1/1	1/1	1/1	**1/1**	1/1
Diethyl ether	1/1	1/1	1/1	**1/1**	2/3*1
Dimethylformamide	1/1	1/1	1/1	**1/1**	1/3*1
1.4-Dioxan	1/1	1/1	1/1	**1/1**	2/2*1

*1 PTFE adapter available.
*2 Pt-Ir can be easily loosened from the spring.
*3 Liquid with high viscosity.

Materials ▸ / Chemicals ▾	PP Adapter rings	Varispenser can be used	borosilicate glass 3.3	PTFE	PFA
E F					
Ethanol 100% (Ethyl alcohol)	1/1	1/1	1/1	**1/1**	1/1
Ethyl acetate	1/1	1/1	1/1	**1/1**	1/1
Formaldehyde 40%	1/1	1/1	1/1	**1/1**	1/1
Formic acid 98–100% *5	1/1	1/1	1/1	**1/1**	1/1
Fuel oil	1/1	1/1	1/1	**1/1**	1/1
G H					
Glycerol *3	1/1	1/1	1/1	**1/1**	1/1
Glycol	1/1	1/1	1/1	**1/1**	1/1
Hexane	1/1	1/1	1/1	**1/1**	2/3*1
Hydrochloric acid 35% *4	1/1	1/1	1/1	**1/1**	1/1
Hydrochloric acid 37% *4	1/1	1/1	1/1	**1/1**	1/3*1
I K					
Iodine-potassium iodide sol.	1/1	1/1	1/1	**1/1**	1/1
Isobutanol (Isobutyl alcohol)	1/1	1/1	1/1	**1/1**	1/1
Isopropanol (Isopropyl alcohol)	1/1	1/1	1/1	**1/1**	1/1
L M					
Lactic acid (Salts: Lactates)	1/1	1/1	1/1	**1/1**	1/1
Magnesium chloride (MgCl)	1/1	1/1	1/1	**1/1**	1/1
Mercury (I) chloride	1/1	1/1	1/1	**1/1**	1/1
Methanol (Methyl alcohol) *4	1/1	1/1	1/1	**1/1**	1/1
Methyl propyl ketone	1/1	1/1	1/1	**1/1**	1/2*1
N					
Nitric acid 30%	1/1	1/1	1/1	**1/1**	1/1
Nitrobenzene	1/1	1/1	1/1	**1/1**	3/3*1
O P					
Octane/Iso octane	1/1	1/1	1/1	**1/1**	3/3*1
Oil of turpentine	1/1	1/1	1/1	**1/1**	3/3*1
Oxalic acid	1/1	1/1	1/1	**1/1**	1/1
Pentane (n-/Iso-) *4	1/1	1/1	1/1	**1/1**	3/3*1
Perchloric acid 10%	1/2	1/1	1/1	**1/2**	1/3*1
Phenol (saturted aqueous solution)	1/1	1/1	1/1	**1/1**	1/1
Phosphoric acid 85%	1/1	1/1	2/3	**2/3**	1/1
Potassium chloride	1/1	1/1	1/1	**1/1**	1/1
Potassium hydroxide 50%	1/1	1/1	1/2	**1/2**	1/1
Potassium permanganate	1/1	1/1	1/1	**1/1**	1/1
Propanol	1/1	1/1	1/1	**1/1**	1/1
Propylene glycol	1/1	1/1	1/1	**1/1**	1/1
Propylene oxide	1/1	1/1	1/1	**1/1**	1/1
Pyridine	1/1	1/1	1/1	**1/1**	2/2*1

*4 Liquid with high vapor pressure; gases leak (observe safety regulations).
*5 Intensive cleaning is necessary after use
*6 May lead to foam formation

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S					
Salicylaldehyde	1/1	1/1	1/1	**1/1**	1/1
Salicylic acid	1/1	1/1	1/1	**1/1**	1/1
Scintillation cocktail	1/1	1/1	1/1	**1/1**	2/3*1
Silver acetate	1/1	1/1	1/1	**1/1**	1/1
Silver nitrate	1/1	1/1	1/1	**1/1**	1/1
Sodium acetate	1/1	1/1	1/1	**1/1**	1/1
Sodium dichromate	1/1	1/1	1/1	**1/1**	1/1
Sodium hydroxide 30%	1/1	1/1	1/2	**1/2**	1/1
Sulphuric acid 60%	1/1	1/1	1/1	**1/1**	1/1
Sulphuric acid 98%	1/1	1/1	1/1	**1/1**	3/3*1

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Materials ▸ / Chemicals ▾	PP Adapter rings	Varispenser can be used	borosilicate glass 3.3	PTFE	PFA
TU					
Tartaric acid	1/1	1/1	1/1	**1/1**	1/1
Tenside (Tween®-, Triton® X-, Brij®-dilutions)*6	1/1	1/1	1/1	**1/1**	1/1
Toluene	1/1	1/1	1/1	**1/1**	2/3*1
Trichloroacetic acid 10%	1/1	1/1	1/1	**1/1**	1/1*1
Triethylene glycol	1/1	1/1	1/1	**1/1**	1/1
Tripropylenglycol	1/1	1/1	1/1	**1/1**	1/1
Urea	1/1	1/1	1/1	**1/1**	1/1
X Z					
Xylene	1/1	1/1	1/1	**1/1**	3/3*1
Zinc chloride 10%	1/1	1/1	1/1	**1/1**	1/1
Zinc sulphate 10%	1/1	1/1	1/1	**1/1**	1/1

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