

Dispensette®

Dispensette® III, Dispensette® *Organic*, and Dispensette® HF bottle-top dispensers improve accuracy, safety, and reagent conservation in a broad range of applications. They mount directly on most solvent and reagent bottles for faster, more convenient dispensing. Instruments are autoclavable at 121°C (250°F) for use with sterile reagents.

- **Dispense Most Lab Reagents:** Choose the Dispensette® III for acids, bases, saline solutions, and polar solvents; the Dispensette® *Organic* for HPLC solvents, combinatorial chemistry solvents, DMF, DMSO, concentrated acids such as HCL and HNO₃, organic solvents, and peroxides; or the Dispensette® HF for hydrofluoric acid. See Selection Chart on page 35 for help selecting the best dispenser.
- **Deliver Accurate, Precise Volumes:** Dispensers are accurate to 0.5% (1% for 0.5mL models), with coefficients of variation of 0.1% (0.2% for 0.5mL). Digital models feature accurate and reproducible volume settings via a mechanical digital display. Easy Calibration™ technology simplifies ISO/GLP compliance.
- **Increase Laboratory Safety:** Dispensers mount on reagent bottles to reduce poured reagent transfers. They include a number of safety features to reduce the risk of injury from inadvertent dispensing and splashes. SafetyPrime™ valve system enhances reagent conservation and safety. Many accessories are available for remote, serial and drum dispensing.
- **Resist Wear and Damage:** Unique design ensures smooth operation and eliminates wearing parts. Dispensers disassemble easily to simplify cleaning and maintenance.



The Standard in Bottle-top Dispensing For Over 40 Years.



Dispensette® bottletop dispensers

Dispensette® Organic
(Analog-adjustable model)

Dispensette® HF
(Analog-adjustable model)

Dispensette® TA
Trace Analysis

Dispensette® III
(Digital Easy Calibration™ model)

Discharge Tube Safety Screw Cap
One-twist cap helps protect against reagent contact and is easy to attach and remove, even while wearing gloves.

SafetyPrime™ Recirculation Valve
Optional SafetyPrime™ valve reduces splashes during instrument priming and reduces reagent waste. Control lever clearly indicates valve position.

Fits Most Reagent Bottles
The 45mm standard thread, plus included adapters, ensure compatibility with most common reagent bottles. Telescoping filling tube adjusts easily to different size bottles – without measuring or cutting.

Easy Calibration™
Digital adjustable models are equipped with Easy Calibration™ technology to simplify ISO/GLP compliance.

Rotating Valve Block
The valve block can be rotated 360° to allow the bottle label to face the user during dispensing.

Safety Discharge System
Integrated safety discharge system reduces the risk of inadvertent dispensings and splashes.

Dispensette® HF
(Analog-adjustable model)

Dispensette® TA
See page 42

Dispensette® III
(Digital Easy Calibration™ model)

Dispensette® bottletop dispensers

Applications



Dispensette® III
(Digital Easy Calibration™
model)

Dispensette® III: The Dispenser for Most Applications

The Dispensette® III is widely considered “the standard” in bottletop dispensers. Its PFA coated floating piston design has been proven in decades of use for most common laboratory liquids.



Dispensette® HF
(Analog-adjustable only)

The Dispensette® HF: for Hydrofluoric Acid

The Dispensette® HF is designed to dispense hydrofluoric acid (HF) in concentrations up to 52%. The fluid path contains no glass components. The polypropylene discharge tube safety screw cap minimizes risk of reagent contact.



Dispensette® Organic
(Digital Easy Calibration™
model)

Dispensette® Organic: The Dispenser for Organic Solvents and Concentrated Acids

The Dispensette® Organic is designed specifically for organic solvents, peroxides, and concentrated acids such as HCl and HNO₃. It is ideal for HPLC and combinatorial chemistry reagents, like THF, TFA, DMF and DMSO.



Dispensette® TA
(Analog-adjustable only)

NEW! **The Dispensette® TA: Trace Analysis**

For dispensing high-purity chemicals, HF or bromine please use the Dispensette® TA Trace Analysis. See page 42.

Areas of application / Suggested dispenser (as of August 2010)

- Dispensette® III (Disp. III)
- Dispensette® Organic (Disp. Organic)

■ Dispensette® HF (for hydrofluoric acid)

NOTE: The Dispensette® III, Dispensette® Organic, and seripettor® bottle top dispensers cannot be used with hydrofluoric acid (HF). Only the Dispensette® HF is specifically designed to dispense hydrofluoric acid (maximum permitted concentration 52%). See page 34 of the BrandTech 2011/2012 catalog.

Reagent	Disp. III	Disp. Organic
Acetaldehyde	+	+
Acetic acid (glacial), 100%	+	+
Acetic acid, 96%	+	+
Acetic anhydride	+	+
Acetone	+	+
Acetonitrile	+	+
Acetophenone	+	+
Acetyl chloride	+	+
Acetylacetone	+	+
Acrylic acid	+	+
Acrylonitrile	+	+
Adipic acid	+	+
Allyl alcohol	+	+
Aluminium chloride	+	+
Amino acids	+	+
Ammonia, 20%	+	+
Ammonia, 20-30%	+	+
Ammonium chloride	+	+
Ammonium fluoride	+	+
Ammonium sulfate	+	+
n-Amyl acetate	+	+
Amyl alcohol (Pentanol)	+	+
Amyl chloride (Chloropentane)	+	+
Aniline	+	+
Barium chloride	+	+
Benzaldehyde	+	+
Benzene (Benzol)	+	+
Benzine (Gasoline)	+	+
Benzoyl chloride	+	+
Benzyl alcohol	+	+
Benzylamine	+	+
Benzylchloride	+	+
Boric acid, 10%	+	+
Bromobenzene	+	+
Bromonaphthalene	+	+
Butanediol	+	+
1-Butanol	+	+
n-Butyl acetate	+	+
Butyl methyl ether	+	+
Butylamine	+	+
Butyric acid	+	+
Calcium carbonate	+	+
Calcium chloride	+	+
Calcium hydroxide	+	+
Calcium hypochlorite	+	+
Carbon tetrachloride	+	+
Chloro naphthalene	+	+
Chloroacetaldehyde, 45%	+	+
Chloroacetic acid	+	+
Chloroacetone	+	+
Chlorobenzene	+	+
Chlorobutane	+	+
Chloroform	+	+
Chlorosulfonic acid	+	+
Chromic acid, 50%	+	+
Chromosulfuric acid	+	+
Copper sulfate	+	+
Cresol	+	+
Cumene (Isopropyl benzene)	+	+

Reagent	Disp. III	Disp. Organic
Cyclohexane	+	+
Cyclohexanone	+	+
Cyclopentane	+	+
Decane	+	+
1-Decanol	+	+
Dibenzyl ether	+	+
Dichloroacetic acid	+	+
Dichlorobenzene	+	+
Dichloroethane	+	+
Dichloroethylene	+	+
Dichloromethane	+	+
Diesel oil (Heating oil)	+	+
Diethanolamine	+	+
Diethyl ether	+	+
Diethylamine	+	+
1,2 Diethylbenzene	+	+
Diethylene glycol	+	+
Dimethyl sulfoxide (DMSO)	+	+
Dimethylaniline	+	+
Dimethylformamide (DMF)	+	+
1,4 Dioxane	+	+
Diphenyl ether	+	+
Ethanol	+	+
Ethanolamine	+	+
Ethyl acetate	+	+
Ethyl methyl ketone	+	+
Ethylbenzene	+	+
Ethylene chloride	+	+
Fluoroacetic acid	+	+
Formaldehyde, 40%	+	+
Formamide	+	+
Formic acid, 100%	+	+
Glycerol	+	+
Glycol (Ethylene glycol)	+	+
Glycolic acid, 50%	+	+
Heating oil (Diesel oil)	+	+
Heptane	+	+
Hexane	+	+
Hexanoic acid	+	+
Hexanol	+	+
Hydriodic acid	+	+
Hydrobromic acid	+	+
Hydrochloric acid, 20%	+	+
Hydrochloric acid, 20-37%	+	+
Hydrogen peroxide, 35%	+	+
Isoamyl alcohol	+	+
Isobutanol	+	+
Isooctane	+	+
Isopropanol (2-Propanol)	+	+
Isopropyl ether	+	+
Lactic acid	+	+
Methanol	+	+
Methoxybenzene	+	+
Methyl benzoate	+	+
Methyl butyl ether	+	+
Methyl formate	+	+
Methyl propyl ketone	+	+
Methylene chloride	+	+
Mineral oil (Engine oil)	+	+

Reagent	Disp. III	Disp. Organic
Monochloroacetic acid	+	+
Nitric acid, 30%	+	+
Nitric acid, 30-70%	+	+
Nitrobenzene	+	+
Oleic acid	+	+
Oxalic acid	+	+
n-Pentane	+	+
Peracetic acid	+	+
Perchloric acid	+	+
Perchloroethylene	+	+
Petroleum	+	+
Petroleum ether	+	+
Phenol	+	+
Phenylethanol	+	+
Phenylhydrazine	+	+
Phosphoric acid, 85%	+	+
Phosphoric acid, 85% + Sulfuric acid, 98%, 1:1	+	+
Piperidine	+	+
Potassium chloride	+	+
Potassium dichromate	+	+
Potassium hydroxide	+	+
Potassium permanganate	+	+
Propionic acid	+	+
Propylene glycol (Propanediol)	+	+
Pyridine	+	+
Pyruvic acid	+	+
Salicylaldehyde	+	+
Scintillation fluid	+	+
Silver acetate	+	+
Silver nitrate	+	+
Sodium acetate	+	+
Sodium chloride	+	+
Sodium dichromate	+	+
Sodium fluoride	+	+
Sodium hydroxide, 30%	+	+
Sodium hypochlorite	+	+
Sulfuric acid, 98%	+	+
Tartaric acid	+	+
Tetrachloroethylene	+	+
Tetrahydrofuran (THF)	+	+
Tetramethylammonium hydroxide	+	+
Toluene	+	+
Trichloroacetic acid	+	+
Trichlorobenzene	+	+
Trichloroethane	+	+
Trichloroethylene	+	+
Trichlorotrifluoro ethane	+	+
Triethanolamine	+	+
Triethylene glycol	+	+
Trifluoro ethane	+	+
Trifluoroacetic acid (TFA)	+	+
Turpentine	+	+
Urea	+	+
Xylene	+	+
Zinc chloride, 10%	+	+
Zinc sulfate, 10%	+	+

* Use ETFE/PTFE bottle adapter

Bases	Saline solutions		Acids		Organic solvents		Hydrofluoric acid (HF)
					polar	non-polar	
Dispensette® III							
			Dispensette® Organic				
							Dispensette® HF

The Dispensette® Organic is preferred for many concentrated acids such as HCl and HNO₃.

Hydrofluoric acid (HF): Only Dispensette® HF and Dispensette® TA (see page 42) are specially designed to dispense hydrofluoric acid (maximum permitted concentration 52%).

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

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: August 2010/13.

Dispensette® bottletop dispensers

Applications



One-handed operation

“Floating piston” design eliminates the seals that often wear and fail on other dispensers. This allows the Dispensette® piston to move very smoothly, permitting safe, simple, one-handed dispensing, even with a nearly-empty reagent bottle.



Dispensing sterile fluids

Dispensette® bottletop dispensers are autoclavable at 121°C (250°F) and can be fitted with an optional microfilter to prevent contamination of bottle contents. Sterile technique must be followed.



Serial dispensing

The optional flexible discharge tube with safety handle speeds serial dispensing tasks, and permits fast and precise dispensing even into narrow test tubes. Functions of SafetyPrime™ valve and safety discharge system are fully maintained with the flexible discharge tube.



Dispensing sensitive reagents

Optional drying tube screws into the accessory port of the Dispensette® to protect sensitive reagents from humidity or CO₂. (Absorbing agent not included.)

Dispensing from bulk containers minimizes risk of contaminating high-purity reagents

Simply connect the Dispensette® III or Dispensette® Organic to the optional Remote Dispensing System for accurate dispensing from drums and other bulk containers up to 10m (30 feet) away. Maximum delivery height is 1.2 meters. A quick-release connector with integrated valves simplifies changing the bulk container. The drum adapter air inlet filter minimizes risk of contaminating high-purity reagents.

NOTE: Not for use with SafetyPrime™ recirculation valve, pressurized vessels, peroxides (which will react with the platinum-iridium spring), HF or other liquids which attack borosilicate glass, liquids which react with alumina ceramic, PFA, ETFE, FEP or PTFE. Observe all safety instructions, operating exclusions, and limitations of the operating manuals of the Dispensette® bottletop dispensers.



Dispensette® Volume Adjustment



Digital Easy Calibration™ models

- Digital Easy Calibration™ models enable accurate and reproducible volume setting with an easy-to-read display and a convenient adjustment knob. Simply turn the knob. The mechanical digital display indicates the set volume.
- Features unique Easy Calibration™ technology (see below) for calibration adjustment in seconds without tools.
- Excellent for labs with multiple users, and in circumstances requiring frequent volume changes to precise volumes.

Easy Calibration™

Gravimetric testing yields a delivered volume of 9.90mL with a set volume of 10mL. The instrument can be recalibrated in three easy steps.

1

Open housing by moving slide lock.



2

Pull the red knob, set the display to actual delivered volume (e.g., 9.90mL), and restore knob position.



3

Replace housing – done! Adjustment from factory setting is indicated by a red recalibration flag.



Analog-adjustable models

- Analog slide enables rapid volume adjustments
- Calibration adjustments are simplified with included tool



Fixed-volume models

- Fixed-volume for standardized applications
- Calibration adjustments are simplified with included tool

Dispensette® bottletop dispensers

Technical Data & Operating Limitations

Operating limitations (all instruments)

Liquids, which form deposits may make the piston difficult to move or may cause jamming (e.g., crystallizing solutions or concentrated alkaline solutions).

When dispensing inflammable media, make sure to avoid the buildup of static charge, e.g., do not dispense into plastic vessels; do not wipe instruments with a dry cloth.

The Dispensette® is designed for general laboratory applications and complies with the relevant standards, e.g., DIN EN ISO 8655. Compatibility of the instrument for a specific application (e.g., trace material analysis, food sector, etc.) must be checked by the user. Approvals for specific applications in the medicinal/pharmaceutical/foodstuff processing areas are not available.

Items supplied

Each Dispensette® III, Dispensette® Organic, Dispensette® HF includes:

- Certificate of performance
- Discharge tube
- Valve Mounting/Calibration tool
- Adapters and filling tube
- Operating manual
- One-year warranty

Supplied Adapters and Filling Tubes

Nominal Volume, mL	Adapter for bottle thread, mm	Filling tube length, mm
For Dispensette® III and Dispensette® Organic (PP)		
0.5	24, 28, 33, 38	125-240
1, 2, 5, 10	28, 33, 38	125-240
25, 50, 100	33, 38	170-330
For Dispensette® HF (PTFE)		
10	S40	125-240

Limitations of use (all instruments)

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

- +15°C to +40°C (59°F to 104°F) of instrument and reagent
- vapor pressure up to max. 600mbar. Aspirate slowly above 300mbar, in order to prevent the liquid from boiling
- kinematic viscosity up to 500mm²/s (dynamic viscosity [mPas] = kinematic viscosity [mm²/s] x density [g/cm³])
- density: Dispensette® III/Dispensette® Organic: up to 2.2g/cm³ and Dispensette® HF up to 3.8g/cm³

Operating Exclusions – Dispensette® III

Never use the Dispensette® III with:

- liquids attacking 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)
- hydrochloric acid > 20% and nitric acid > 30%
- tetrahydrofuran
- trifluoroacetic acid
- explosive liquids (e.g., carbon disulfide)
- suspensions (e.g., of charcoal) as solid particles may clog or damage the instrument
- liquids attacking PP (screw cap)

Operating Exclusions – Dispensette® Organic

Never use the Dispensette® Organic with:

- liquids attacking Al₂O₃-ceramic, tantalum, ETFE, FEP, PFA and PTFE (e.g., dissolved sodium azide*)
- liquids attacking borosilicate glass (e.g., hydrofluoric acid)
- bases and saline solutions
- explosive liquids (e.g., carbon disulfide)
- suspensions (e.g., of charcoal) as solid particles may clog or damage the instrument
- liquids attacking PP (screw cap)

Operating Exclusions – Dispensette® HF

Never use the Dispensette® HF with:

- liquids attacking Al₂O₃-ceramic, ETFE, PFA, FEP and PTFE (e.g., dissolved sodium azide*)
- liquids which are decomposed catalytically by platinum-iridium (e.g., H₂O₂)
- bases and saline solutions
- explosive liquids (e.g., carbon disulfide)
- suspensions (e.g., of charcoal) as solid particles may clog or damage the instrument
- liquids attacking PP (screw cap)

* Dissolved sodium azide permitted up to a concentration of maximum 0.1%

Ordering Information



**Dispensette® III
Digital Easy Calibration™**



**Dispensette® Organic
Digital Easy Calibration™**



**Dispensette® HF
Analog-adjustable**

ORDERING INFORMATION

Dispensette® III						Without SafetyPrime™ valve		With SafetyPrime™ valve	
Volume mL	Increments mL	A* ≤ ±		CV* ≤		Cat. No.	2011 List Price	Cat. No.	2011 List Price
		%	µL	%	µL				
Dispensette® III, Digital Easy Calibration™									
0.2-2	0.01	0.5	10	0.1	2	4701320	\$433.00	4701321	\$470.00
0.5-5	0.02	0.5	25	0.1	5	4701330	433.00	4701331	470.00
1-10	0.05	0.5	50	0.1	10	4701340	433.00	4701341	470.00
2.5-25	0.1	0.5	125	0.1	25	4701350	593.00	4701351	624.00
5-50	0.2	0.5	250	0.1	50	4701360	604.00	4701361	634.00
Dispensette® III, Analog-adjustable									
0.05-0.5	0.01	1.0	5	0.2	1	4701100	384.00	4701101	405.00
0.2-2	0.05	0.5	10	0.1	2	4701120	384.00	4701121	405.00
0.5-5	0.1	0.5	25	0.1	5	4701130	384.00	4701131	405.00
1-10	0.2	0.5	50	0.1	10	4701140	384.00	4701141	405.00
2.5-25	0.5	0.5	125	0.1	25	4701150	538.00	4701151	564.00
5-50	1.0	0.5	250	0.1	50	4701160	552.00	4701161	579.00
10-100	1.0	0.5	500	0.1	100	4701170	860.00	4701171	887.00
Dispensette® III, Fixed-volume									
1		0.5	5	0.1	1	4701210	384.00	4701211	405.00
2		0.5	10	0.1	2	4701220	384.00	4701221	405.00
5		0.5	25	0.1	5	4701230	384.00	4701231	405.00
10		0.5	50	0.1	10	4701240	384.00	4701241	405.00

Dispensette® Organic						Without SafetyPrime™ valve		With SafetyPrime™ valve	
Volume mL	Increments mL	A* ≤ ±		CV* ≤		Cat. No.	2011 List Price	Cat. No.	2011 List Price
		%	µL	%	µL				
Dispensette® Organic, Digital Easy Calibration™									
0.5-5	0.02	0.5	25	0.1	5	4731330	\$470.00	4731331	\$498.00
1-10	0.05	0.5	50	0.1	10	4731340	470.00	4731341	498.00
2.5-25	0.1	0.5	125	0.1	25	4731350	634.00	4731351	651.00
5-50	0.2	0.5	250	0.1	50	4731360	656.00	4731361	677.00
Dispensette® Organic, Analog-adjustable									
0.5-5	0.1	0.5	25	0.1	5	4731130	421.00	4731131	433.00
1-10	0.2	0.5	50	0.1	10	4731140	421.00	4731141	433.00
2.5-25	0.5	0.5	125	0.1	25	4731150	593.00	4731151	604.00
5-50	1.0	0.5	250	0.1	50	4731160	600.00	4731161	614.00
10-100	1.0	0.5	500	0.1	100	4731170	932.00	4731171	948.00

Dispensette® HF						With SafetyPrime™ valve	
Volume mL	Increments mL	A* ≤ ±		CV* ≤		Cat. No.	2011 List Price
		%	µL	%	µL		
Dispensette® HF, Analog-adjustable							
1-10	0.2	0.5	50	0.1	10	4701041	\$999.00

* 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. Every Dispensette® is conformity certified.

A*=Accuracy, CV*=Coefficient of Variation

Dispensette® bottletop dispensers

Dispensette® Accessories & Ordering Information



Adapters

Bottle thread adapters	PP Cat. No.	2011 List Price	
		(pack of 3)	ETFE Cat. No. (each)
22mm	2704820	\$16.40	—
24mm	2704821	16.40	704375 \$16.40
28mm/S28mm	2704822	16.40	704378 19.60
33mm	2704828	16.40	704398 22.60
38mm	2704827	16.40	704399 22.60
S40mm	2704829	16.40	704391 33.00
Adapter Set , one each 24, 28, 33 and 38mm	2704870	21.60	—
Fits STJ19/32	2704836	21.60	—
Fits STJ24/40	2704838	21.60	—
Fits STJ29/42	2704840	25.60	—



Discharge tubes with integrated valve

Discharge tube with integrated valve	Shape	Length mm	For Disp. III - red cap		For Disp. Organic - yellow cap		For Disp. HF - green cap	
			Cat. No.	2011 List Price (each)	Cat. No.	2011 List Price (each)	Cat. No.	2011 List Price (each)
For Nominal Volume, mL								
0.5, 1, 2, 5, 10	fine tip	90	707915	\$53.00	707935	\$53.00	—	—
5, 10	—	90	707916	49.00	707936	50.00	707919	\$46.00
25, 50, 100	—	120	707917	59.00	707937	59.00	—	—
25, 50, 100	fine tip	120	707918	59.00	707938	59.00	—	—



Flexible discharge tube

Flexible discharge tube (for Dispensette® III, Dispensette® Organic)	Cat. No.	2011 List Price (each)
PTFE, coiled, length 800mm (= 31.5") with safety handle <i>Not suitable for use with peroxides due to platinum-iridium valve spring.</i>		
For Nominal Volume, mL		
1, 2, 5, 10	707925	\$97.00
25, 50, 100	707926	106.00



Drying tube

Drying tube	Cat. No.	2011 List Price
Without drying agent	707930	\$36.00



Remote Dispensing System for Dispensette®

Remote Dispensing (for Dispensette® III, Dispensette® Organic)	Cat. No.	2011 List Price
Remote Dispensing System for Dispensette® (not suitable for use with peroxides)	704261	\$366.00
NOWPak® Remote Dispensing System for Dispensette® (not suitable for use with peroxides)	704284	230.00

Accessories

Filling tube, FEP, 10m, outer 7.6mm	704267	192.00
Filling tube, FEP, 1m, outer 6.9mm	704269	17.60
Thread adapter, Steel, outer thread 2", inner thread 3/4"	704270	92.00
Thread adapter, PTFE, inner thread 3/4" (33mm), for direct mounting of Dispensette® on drum	704281	54.00
Thread adapter, PTFE, inner thread 3/4" (33mm), to connect remote dispensing system with drums with GL outer thread	704282	59.00
Support rod connector, for wall mounting unit	704268	54.00
Table/shelf clamp, for wall mounting unit	704272	26.00

Dispensette® Accessories & Ordering Information

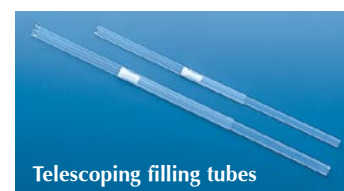
Amber Bottle - Ethylene-acrylate Coated	Cat. No.	2011 List Price (each)
Threaded Bottle, PP screw cap, LDPE pouring ring , 250mL, 33mm	704004	\$17.40
Threaded Bottle, PP screw cap, LDPE pouring ring , 500mL, 33mm	704006	24.60
Threaded Bottle, PP screw cap, LDPE pouring ring , 1000mL, 33mm	704008	31.00



Amber Bottle

Micro filter connector assembly with Luer-slip connection	Cat. No.	2011 List Price
To fit 0.2 filler for sterile dispensing. Autoclavable.	704495	\$15.40

Telescoping filling tubes, FEP	Length, mm (inches)	Cat. No.	2011 List Price (each)
For Nominal Volume, mL			
0.5, 1, 2, 5, 10	70 - 140 (2.6" - 5.5")	704202	\$13.40
0.5, 1, 2, 5, 10	125 - 240 (4.9" - 9.5")	704203	14.60
0.5, 1, 2, 5, 10	250 - 480 (9.8" - 18.9")	704201	17.60
25, 50, 100	170 - 330 (6.7" - 13.0")	704204	18.60
25, 50, 100	250 - 480 (9.8" - 18.9")	704205	20.60



Telescoping filling tubes

Seals	Cat. No.	2011 List Price
PTFE. With sealing washer. Pack of 5 seals each for discharge, SafetyPrime™ and filling valves.	6696	\$17.60



Seals

Closure Set for sensitive reagents	Cat. No.	2011 List Price (each)
Closure set	704486	\$19.00



Closure set for sensitive reagents

SafetyPrime™ valves	Valve Lever	Cat. No.	2011 List Price (each)
For Dispensette® III, 0.5mL	Red	706081	\$78.00
For Dispensette® III, 1-100mL	Red	706080	78.00
For Dispensette® Organic	Yellow	706090	78.00
For Dispensette® HF	Green	706085	72.00
Recirculation tube only	—	8317	7.20



SafetyPrime™ valves

Filling valve with sealing washer	Cat. No.	2011 List Price
For Nominal Volume, mL		
1, 2, 5, 10	6697	\$37.00
25, 50, 100	6698	42.00
For Dispensette® HF and Dispensette® TA	6622	49.00



Filling valve with sealing washer

Filling valve with olive-shaped nozzle (for frequent autoclaving)	Cat. No.	2011 List Price
For Nominal Volume, mL		
0.5, 1, 2, 5, 10	6637	\$40.00
25, 50, 100	6638	46.00