

Dispensette® S Bottletop Dispenser

NEW!

Dispensette® S bottletop dispensers build on the fifty year history of BRAND dispensing expertise. Continual upgrades makes this the safest and most convenient bottletop dispenser ever, all while retaining the features that make the Dispensette® the world's favorite bottletop dispenser. 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® S for acids, bases, saline solutions, as well as many organic solvents; the Dispensette® S Organic for organic solvents, including combinatorial chemistry solvents, concentrated acids such as HCl and HNO₃, trifluoroacetic acid (TFA), tetrahydrofuran (THF), and peroxides. See Selection Chart on page 36 for help choosing the best dispenser.
- **Deliver accurate, precise volumes:** Dispensers are accurate to 0.5% (0.6% for 1mL models), with coefficients of variation of 0.1% (0.2% for 1mL). Digital models feature accurate and reproducible volume settings via a mechanical digital display.
- **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. Recirculation 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 new system eliminates seals for a lifetime of reliable dispensing.
- **HF and trace analysis dispensing:** For dispensing of high purity acids and solvents, or hydrofluoric acid, choose the Dispensette® S Trace Analysis. For details, see page 35.

The standard in bottletop dispensing for a half century



Dispensette® S Bottletop Dispensers

Easy calibration technique

Calibration and adjustments according to ISO 9001 and GLP are done within seconds

Calibration mechanism

NEW!

Discharge valve with safety ball

Closes when discharge tube is not mounted

NEW!

Discharge tube

Without recirculation valve

NEW!

Large viewing window

Easy priming verification

NEW!

Volume selection

Using interior scalloped track

NEW!

Discharge tube

With recirculation valve

360° rotating valve block

With GL 45 thread

NEW!

Olive-shaped filling valve

For firmer attachment of the filling tube

Recirculation tube

For discharge tubes with recirculation valve

Telescoping filling tube

Easy height adjustment without cutting



Dispensette® S Organic Digital

Dispensette® S Analog-adjustable

Dispensette® S Volume Adjustment

Digital models

Analog-adjustable models

- Analog slide enables rapid volume adjustments
- Internal scalloped track helps secure setting
- Calibration adjustments are simple with included tool

- Digital models enable accurate and reproducible volume setting with an easy-to-read display and a convenient adjustment knob. Simply turn the knob. The mechanical adjustment mechanism displays the volume in digits
- Features unique calibration technology (see page 54) for calibration adjustment in seconds without tools
- Excellent for labs with multiple users, requiring frequent volume changes to specific volumes



Fixed-volume models

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

Product Features:

Both the Dispensette® S and Dispensette® S Organic are constructed using the “floating piston” principle.

Each piston is matched with precise tolerances to the cylinder of the instrument. A thin film of the dispensed liquid of just a few µm thick acts as a non-wearing seal that reduces friction, so dispensing is easy and convenient.

- The GL45mm standard thread, plus included adapters, fit most common lab bottles.
- The valve block can be rotated 360° so that the bottle label always faces the user for safety.
- A telescoping filling tube adjusts to different bottle sizes.
- The instrument is easy to disassemble for cleaning.
- Valves are replaceable for simple, economical service.
- New valve design eliminates seals for trouble-free operation.
- Dispensette® S and Dispensette® S Organic are autoclavable at 121°C.
- Easy to calibrate and adjust in order to comply with ISO 9001 and GLP guidelines. A positive indicator automatically indicates adjustment from factory settings.
- An extensive line of accessories facilitates specialized dispensing tasks like sterile applications or dispensing from large containers.

Dispensette® S Bottletop Dispensers

Applications



One-handed operation

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



Dispensing sterile fluids

Dispensette® S and Dispensette® S Organic 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. Integrated recirculation valve helps purge bubbles before use.



Dispensing sensitive reagents

Optional drying tube screws into the accessory port of the Dispensette® S 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® S or Dispensette® S Organic to the optional Remote Dispensing System for accurate dispensing from drums and other bulk containers up to 10 meters 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 recirculation valve, pressurized vessels, peroxides (which will react with the platinum-iridium spring), HF or other liquids which attack borosilicate glass, alumina ceramic, PFA, ETFE, FEP or PTFE. Observe all safety instructions, operating exclusions, and limitations of your specific operating manual of the Dispensette® S bottletop dispenser model.*



Remote Dispensing System

Dispensette® S Trace Analysis

Bottletop Dispensers

NEW!

For dispensing high-purity chemicals

The Dispensette® S Trace Analysis provides outstanding performance for precise-volume dispensing of high-purity media for trace analysis. The Dispensette® S Trace Analysis is also suitable for dispensing HF (Pt-Ir model).

The components of the fluid path have been selected to only contain the highest purity materials, such as fluoroplastics and sapphire. Depending on application, either platinum-iridium (Pt-Ir) or tantalum (Ta) valve springs can be chosen. The volume range is from 1 to 10mL.

- Especially well-suited for dispensing acids, bases and hydrogen peroxide (Tantalum (Ta) models only).
- Trace metal content of dispensed liquid is generally in the low ppb range or, depending on application, even in the low ppt range.

Dispensing of high-purity chemicals in trace analysis

- Plastics in contact with media consist of high-purity materials such as PTFE, ETFE, PCTFE, FEP and PFA. The purest sapphire is used for replaceable valves. Depending on the application, platinum-iridium or tantalum are available as spring materials.
- A field-tested cleaning process before use in trace analysis is described in the operating manual.
- Easy to disassemble for replacement of the dispensing cartridge.

Recommended application range

Dispensing medium	Valve spring: Pt-Ir	Valve spring: Ta
Acetic acid	+	+
Ammonia solution	+	+
Bromine	+	+
Hydrochloric acid	+	+
Hydrofluoric acid*	+	-
Hydrogen peroxide	-	+
Nitric acid	+	+
Perchloric acid	+	+
Phosphoric acid	+	+
Sodium hydroxide, 30%	+	-
Sulfuric acid	+	+
Water	+	+

+ suitable – not suitable

* Hydrofluoric acid reacts slightly with sapphire resulting in mildly elevated aluminum values. To reduce these values we recommend discarding 3-5 dispensings of 2 ml each before performing the analysis.

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. Should you require information on chemicals not listed, please feel free to contact BrandTech®.

Status as of: 0815/2



- Volume adjustment**
- Recirculation valve**
- Discharge tube**
- Screw cap**
- Recirculation tube**
- Replaceable dispensing cartridge**
Serialized with certificate
- Safety ring**
- Valve block**
- Telescoping filling tube**



The high-purity materials release virtually no metal ions after appropriate cleaning. This makes the Dispensette® S Trace Analysis bottle-top dispenser a superior choice for trace analysis.

Replaceable dispensing cartridge

If the piston seal is worn after a long period of use, the entire dispensing cartridge can easily be replaced without tools by the user.

The cartridge is fully adjusted at the factory and delivered with a performance certificate. No calibration is required after replacement.

Serial dispensing

For easy serial dispensing, an optional flexible discharge tube with textured safety handle (not approved for HF) permits fast and

precise dispensing, even into narrow test tubes. Integrated recirculation valve helps purge bubbles before dispensing.

Performing trace analysis?

See the VITLAB® PFA trace analysis labware on page 112

Areas of Application / Suggested Dispenser

■ Dispensette® S (Disp. S) ■ Dispensette® S Organic (Disp. S Organic)

Reagent	Disp. S	Disp. S Organic	Reagent	Disp. S	Disp. S Organic	Reagent	Disp. S	Disp. S Organic
Acetaldehyde	+	+	Cyclohexane		+	Methylene chloride		+
Acetic acid (glacial), 100%	+	+	Cyclohexanone	+	+	Mineral oil (Engine oil)	+	+
Acetic acid, ≤ 96%	+	+	Cyclopentane		+	Monochloroacetic acid	+	+
Acetic anhydride		+	Decane	+	+	Nitric acid, ≤ 30%	+	+
Acetone	+	+	1-Decanol	+	+	Nitric acid, 30-70% */ **		+
Acetonitrile	+	+	Dibenzyl ether	+	+	Nitrobenzene	+	+
Acetophenone		+	Dichloroacetic acid		+	Oleic acid	+	+
Acetyl chloride		+	Dichlorobenzene	+	+	Oxalic acid	+	
Acetylacetone	+	+	Dichloroethane		+	n-Pentane		+
Acrylic acid	+	+	Dichloroethylene		+	Peracetic acid		+
Acrylonitrile	+	+	Dichloromethane		+	Perchloric acid	+	+
Adipic acid	+	+	Diesel oil (Heating oil), bp 250-350 °C		+	Perchloroethylene		+
Allyl alcohol	+	+	Diethanolamine	+	+	Petroleum, bp 180-220 °C		+
Aluminium chloride	+		Diethyl ether		+	Petroleum ether, bp 40-70 °C		+
Amino acids	+		Diethylamine	+	+	Phenol	+	+
Ammonia, ≤ 20%	+	+	1,2 Diethylbenzene	+	+	Phenylethanol	+	+
Ammonia, 20-30%		+	Diethylene glycol	+	+	Phenylhydrazine	+	+
Ammonium chloride	+		Dimethyl sulfoxide (DMSO)	+	+	Phosphoric acid, ≤ 85%	+	+
Ammonium fluoride	+		Dimethylaniline	+		Phosphoric acid, 85% + Sulfuric acid, 98%, 1:1	+	+
Ammonium sulfate	+		Dimethylformamide (DMF)	+	+	Piperidine	+	+
n-Amyl acetate	+	+	1,4 Dioxane		+	Potassium chloride	+	
Amyl alcohol (Pentanol)	+	+	Diphenyl ether	+	+	Potassium dichromate	+	
Amyl chloride (Chloropentane)		+	Essential oil		+	Potassium hydroxide	+	
Aniline	+	+	Ethanol	+	+	Potassium permanganate	+	
Barium chloride	+		Ethanolamine	+	+	Propionic acid	+	+
Benzaldehyde	+	+	Ethyl acetate	+	+	Propylene glycol (Propanediol)	+	+
Benzene (Benzol)	+	+	Ethylbenzene		+	Pyridine	+	+
Benzine (Petroleum benzin), bp 70-180 °C		+	Ethylene chloride		+	Pyruvic acid	+	+
Benzoyl chloride	+	+	Fluoroacetic acid		+	Salicylaldehyde	+	+
Benzyl alcohol	+	+	Formaldehyde, ≤ 40%	+		Scintillation fluid	+	+
Benzylamine	+	+	Formamide	+	+	Silver acetate	+	
Benzylchloride	+	+	Formic acid, ≤ 100%		+	Silver nitrate	+	
Boric acid, ≤ 10%	+	+	Glycerol	+	+	Sodium acetate	+	
Bromobenzene	+	+	Glycol (Ethylene glycol)	+	+	Sodium chloride	+	
Bromonaphthalene	+	+	Glycolic acid, ≤ 50%	+		Sodium dichromate	+	
Butanediol	+	+	Heating oil (Diesel oil), bp 250-350 °C		+	Sodium fluoride	+	
1-Butanol	+	+	Heptane		+	Sodium hydroxide, ≤ 30%	+	
n-Butyl acetate	+	+	Hexane		+	Sodium hypochlorite	+	
Butyl methyl ether	+	+	Hexanoic acid	+	+	Sulfuric acid, ≤ 98%	+	+
Butylamine	+	+	Hexanol	+	+	Tartaric acid	+	
Butyric acid	+	+	Hydriodic acid, ≤ 57% **	+	+	Tetrachloroethylene		+
Calcium carbonate	+		Hydrobromic acid	+	+	Tetrahydrofuran (THF) */ **		+
Calcium chloride	+		Hydrochloric acid, ≤ 20%	+	+	Tetramethylammonium hydroxide	+	
Calcium hydroxide	+		Hydrochloric acid, 20-37% **		+	Toluene		+
Calcium hypochlorite	+		Hydrogen peroxide, ≤ 35%		+	Trichloroacetic acid		+
Carbon tetrachloride		+	Isoamyl alcohol	+	+	Trichlorobenzene		+
Chloro naphthalene	+	+	Isobutanol	+	+	Trichloroethane		+
Chloroacetaldehyde, ≤ 45%	+	+	Isooctane		+	Trichloroethylene		+
Chloroacetic acid	+	+	Isopropanol (2-Propanol)	+	+	Trichlorotrifluoro ethane		+
Chloroacetone	+	+	Isopropyl ether	+	+	Triethanolamine	+	+
Chlorobenzene	+	+	Lactic acid	+	+	Triethylene glycol	+	+
Chlorobutane	+	+	Methanol	+	+	Trifluoro ethane		+
Chloroform		+	Methoxybenzene	+	+	Trifluoroacetic acid (TFA)		+
Chlorosulfonic acid		+	Methyl benzoate	+	+	Turpentine		+
Chromic acid, ≤ 50%	+	+	Methyl butyl ether	+	+	Urea	+	
Chromosulfuric acid	+		Methyl ethyl ketone	+	+	Xylene		+
Copper sulfate	+		Methyl formate	+	+	Zinc chloride, ≤ 10%	+	
Cresol		+	Methyl propyl ketone	+	+	Zinc sulfate, ≤ 10%	+	
Cumene (Isopropyl benzene)	+	+						

* Choose ETFE/PTFE adapters, if required, ** use PTFE seal for valve block

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 Scientific. Status as of: 0605/13

Note:

For dispensing HF, we recommend the use of the Dispensette® S Trace Analysis bottleneck dispenser with platinum-iridium valve spring (See page 35).

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, (e.g., for production and administration of food, pharmaceuticals and cosmetics) are not available.

Items supplied

Each Dispensette® S, Dispensette® S Organic, Dispensette® S Trace Analysis includes:

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

Supplied adapters & filling tubes

Nominal Volume, mL	Adapter for bottle thread, mm	Filling tube length, mm
For Dispensette® S & Dispensette® S Organic (PP)		
1, 2, 5, 10	24, 28, 33, 38, S40	125-240
25, 50, 100	33, 38, S40	170-330
For Dispensette® S Trace Analysis (ETFE, PTFE*)		
10	28, 33, S40*	125-240

Limitations of use (all instruments)

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

- Use between +15°C and +40°C (59°F and 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® S/Dispensette® S Organic: up to 2.2g/cm³ and Dispensette® S Trace Analysis up to 3.8g/cm³.

Operating exclusions – Dispensette® S

Never use the Dispensette® S 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® S Organic

Never use the Dispensette® S 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® S Trace Analysis

Never use the Dispensette® S Trace Analysis with:

- Liquids attacking Al₂O₃ sapphire or fluoroplastics like ETFE, FEP, PFA, PCTFE, PTFA and PTFE (e.g., dissolved sodium azide*).
- Liquids which are decomposed catalytically by platinum-iridium (e.g., H₂O₂) or tantalum, depending on the construction of the instrument.
- Organic solvents.
- Trifluoroacetic acid.
- Explosive liquids (e.g., carbon disulfide).
- Suspensions (e.g., of charcoal) as solid particles may clog or damage the instrument.
- The Dispensette® S Trace Analysis must not be autoclaved.

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

Dispensette® S Bottletop Dispensers

Dispensette® S Without recirculation valve With recirculation valve

Volume, mL	Increments, mL	A* < ±		CV* ≤		Cat. No.	2016	
		%	µL	%	µL		List Price	List Price

Dispensette® S, Digital									
0.1-1	0.005	0.6	6	0.2	2	4600310	\$485.00	4600311	\$515.00
0.2-2	0.01	0.5	10	0.1	2	4600320	485.00	4600321	515.00
0.5-5	0.02	0.5	25	0.1	5	4600330	485.00	4600331	515.00
1-10	0.05	0.5	50	0.1	10	4600340	485.00	4600341	515.00
2.5-25	0.1	0.5	125	0.1	25	4600350	655.00	4600351	685.00
5-50	0.2	0.5	250	0.1	50	4600360	665.00	4600361	695.00

Dispensette® S, Analog-adjustable									
0.1-1	0.02	0.6	6	0.2	2	4600100	425.00	4600101	445.00
0.2-2	0.05	0.5	10	0.1	2	4600120	425.00	4600121	445.00
0.5-5	0.1	0.5	25	0.1	5	4600130	425.00	4600131	445.00
1-10	0.2	0.5	50	0.1	10	4600140	425.00	4600141	445.00
2.5-25	0.5	0.5	125	0.1	25	4600150	595.00	4600151	615.00
5-50	1.0	0.5	250	0.1	50	4600160	610.00	4600161	630.00
10-100	1.0	0.5	500	0.1	100	4600170	950.00	4600171	970.00

Dispensette® S, Fixed-volume									
1		0.6	6	0.2	2	4600210	425.00	4600211	445.00
2		0.5	10	0.1	2	4600220	425.00	4600221	445.00
5		0.5	25	0.1	5	4600230	425.00	4600231	445.00
10		0.5	50	0.1	10	4600240	425.00	4600241	445.00

Dispensette® S Organic Without recirculation valve With recirculation valve

Volume, mL	Increments, mL	A* < ±		CV* ≤		Cat. No.	2016	
		%	µL	%	µL		List Price	List Price

Dispensette® S Organic, Digital									
0.5-5	0.02	0.5	25	0.1	5	4630330	\$535.00	4630331	\$565.00
1-10	0.05	0.5	50	0.1	10	4630340	535.00	4630341	565.00
2.5-25	0.1	0.5	125	0.1	25	4630350	720.00	4630351	750.00
5-50	0.2	0.5	250	0.1	50	4630360	735.00	4630361	765.00

Dispensette® S Organic, Analog-adjustable									
0.5-5	0.1	0.5	25	0.1	5	4630130	460.00	4630131	490.00
1-10	0.2	0.5	50	0.1	10	4630140	460.00	4630141	490.00
2.5-25	0.5	0.5	125	0.1	25	4630150	645.00	4630151	675.00
5-50	1.0	0.5	250	0.1	50	4630160	660.00	4630161	690.00
10-100	1.0	0.5	500	0.1	100	4630170	1,035.00	4630171	1,065.00

Dispensette® S Organic, Fixed-volume									
5		0.5	25	0.1	5	4630230	460.00	4630231	490.00
10		0.5	50	0.1	10	4630240	460.00	4630241	490.00

Dispensette S Trace Analysis Without recirculation valve With recirculation valve

Volume, mL	Valve Spring	A* < ±		CV* ≤		Cat. No.	2016	
		%	µL	%	µL		List Price	List Price

Dispensette S Trace Analysis, Analog-adjustable									
1-10	Platinum-iridium	0.5	50	0.1	10	4640040	\$1,060.00	4640041	\$1,090.00
1-10	Tantalum	0.5	50	0.1	10	4640240	1,060.00	4640241	1,090.00

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.



Dispensette® S



Dispensette® S Organic



Dispensette® S Trace Analysis

Dispensette® Accessories



For Dispensette® S ♦ cap

Discharge tube	Shape	Length, mm	Cat. No.	Without recirculation valve		With recirculation valve	
				2016 List Price	2016 Cat. No.	2016 List Price	2016 Cat. No.
For Nominal Volume, mL							
1, 2, 5, 10	fine tip	105	708002	\$28.00	708102	\$141.00	708102
5, 10	standard	105	708005	26.00	708104	139.00	708104
25, 50, 100	standard	135	708006	33.00	708106	147.00	708106
25, 50, 100	fine tip	135	708008	29.00	708109	143.00	708109

For Dispensette® S Organic ♦ cap

Discharge tube	Shape	Length, mm	Cat. No.	2016		2016	
				List Price	Cat. No.	List Price	Cat. No.
For Nominal Volume, mL							
5, 10	standard	105	708014	\$26.00	708114	\$147.00	708114
5, 10	fine tip	105	708012	33.00	708112	154.00	708112
25, 50, 100	standard	135	708019	29.00	708119	150.00	708119
25, 50, 100	fine tip	135	708016	32.00	708116	154.00	708116



Dispensette® S Trace Analysis ♦ cap

Discharge tube	Shape	Length, mm	Cat. No. Pt - Ir	2016		2016	
				List Price	Cat. No. Ta	List Price	Cat. No. Ta
With Recirculation Valve	fine tip	105	708122	\$174.00	708124	\$174.00	708124
Without Recirculation Valve	fine tip	105	708022	28.00	708024	28.00	708024



	2016 Cat. No.	2016 List Price
Flexible discharge tube (for Dispensette® S, Dispensette® S Organic)		
PTFE, coiled, length 800mm (= 31.5") with safety handle		
2, 5, 10	708132	\$180.00
25, 50, 100	708134	193.00
Not suitable for use with hydrofluoric acid. For nominal volume, mL		
Flexible discharge tubes for Dispensette® S Trace Analysis—NOT FOR USE WITH HF		
10	708132	180.00

Flexible discharge tube

Dispensette® S Bottletop Accessories



Dispensing cartridge



Recirculation tube

Telescoping filling tubes



Filling valve



Drying tube

Dispensette® S Trace Analysis ♦ cap

	Cat. No.	2016 List Price
Replacement parts Dispensette S Trace Analysis		
Dosing element		
Nominal volume 1-10mL, calibrated, includes quality certificate	708035	\$755.00

For nominal volume, mL	Length, mm (inches)	Cat. No.	2016 List Price
Telescoping filling tubes FEP			
0.5, 1, 2, 5, 10	70 - 140 (2.6" - 5.5")	708210	\$23.00
0.5, 1, 2, 5, 10 - standard	125 - 240 (4.9" - 9.5")	708212	32.00
0.5, 1, 2, 5, 10	195-350 (7.7"-13.8")	708214	45.00
0.5, 1, 2, 5, 10	250 - 480 (9.8" - 18.9")	708216	36.00
25, 50, 100 - standard	170 - 330 (6.7" - 13.0")	708218	46.00
25, 50, 100	250 - 480 (9.8" - 18.9")	708220	48.00
Recirculation tube			
Recirculation tube only		6747	5.00

	Cat. No.	2016 List Price
Filling valve for Dispensette® S and Dispensette® S Organic, nominal volume, mL		
1, 2, 5, 10, each	6734	\$53.50
25, 50, 100, each	6735	59.00
For Dispensette® S Trace Analysis, each	6739	105.00
Discharge valve for Dispensette® S nominal volume, mL		
1, 2 each	6749	63.00
5, 10 each	6727	67.00
25, 50, 100, each	6728	79.00
Discharge valve for Dispensette® S Organic, nominal volume, mL		
1, 2, 5, 10 each	6729	67.00
25, 50, 100, each	6730	79.00
Discharge valve for Dispensette® S Trace Analysis, nominal volume, Pt-Ir, Ta		
Platinum-Iridium	6732	111.00
Tantalum	6733	111.00
Drying tube		
Without drying agent, each	707930	50.95
Micro filter connector assembly with Luer-slip connection		
To fit 0.2µm filter for sterile dispensing. Autoclavable (photo page 34).	704495	21.91

Dispensette® S Bottletop Accessories



Amber bottle



	Cat. No.	2016 List Price
Amber bottle - ethylene-acrylate coated		
Threaded Bottle, PP screw cap, LDPE pouring ring, 250mL, 33mm	704004	\$25.48
Threaded Bottle, PP screw cap, LDPE pouring ring, 500mL, 33mm	704006	34.39
Threaded Bottle, PP screw cap, LDPE pouring ring, 1000mL, 45mm	704008	44.58
Bottle Stand, PP, 220mm x 160mm x 325mm	704275	287.87



Size	PP Cat. No.	2016 List Price	ETFE Cat. No.	2016 List Price
Bottle thread adapters				
33/24mm	704325	\$9.17	704375	\$23.69
33/28mm/S28mm	704328	9.17	704378	28.02
45/33mm	704396	9.17	704398	31.84
45/35mm	704431	17.83	—	—
45/38mm	704397	9.17	704399	31.84
45/S40mm (PP/PTFE)	704343	9.17	704391	49.68
Fits STJ19/32	704419	30.57	—	—
Fits STJ24/40	704424	30.57	—	—
Fits STJ29/32	704429	35.67	—	—



	Cat. No.	2016 List Price
Remote Dispensing (for Dispensette® S, Dispensette® S Organic)		
Remote Dispensing System (dispenser not included)	704261	\$ 520.96
Dispensing System for NOWPak® containers only (includes wall mount, dispenser not included)	704284	328.63
Accessories		
Filling tube, FEP, 10m, outer diameter 7.6mm	704267	292.96
Thread adapter, Steel, outer thread 2", inner thread 3/4"	704270	132.47
Thread adapter, PTFE, inner thread 3/4" (33mm), to connect remote dispensing system with drums with GL outer thread	704282	84.07
Support rod connector, for wall mounting unit	704268	78.97
Table/shelf clamp, for wall mounting unit	704272	36.94
Thread adapter, PTFE, 3/4", 33mm for direct mounting of Dispensette® on drum	704281	71.00