

BRAND® Bottletop DISPENSERS & BURETTES

From BrandTech® Scientific

Titrette® Bottletop Burette

The World's Only Bottletop Burette With Class A Precision.

The Titrette® bottletop burette is BRAND®'s industry leading fourth-generation burette. Its accuracy meets the limits for Class A glass burettes for both ASTM E287 and DIN EN ISO 385—a first among bottletops! It's suitable for most common titrants 1 mol/L or less in concentration.

The Titrette® completely disassembles for cleaning and maintenance, has a titrating tube that adjusts both vertically and horizontally, offers three digit resolution for volumes under 20 mL, and requires no switching between filling and titrating. The instrument can be set for 2 or 3 digits below 20 mL. People who don't need the additional precision are saved from having to round the number when transcribing the data. There are even models available with computer interface to eliminate transcription error. In fact, there are so many upgrades and improvements in the Titrette® it's impossible to list them all here.

The Titrette® is supplied complete with 45 mm thread, three polypropylene bottle adapters (45/33 mm, 45/S40 mm and 33STJ29/42), telescoping filling tube, replacement light shielding sight windows, certificate of performance, operating manual, two AAA batteries and one-year warranty.

Comparison of error limits

		Titrette® bottletop burette				Bottle-top burettes according to DIN EN ISO 8655-3				Glass burettes Class A according to DIN EN ISO 385 ASTM E287	
Volume mL	Partial volume mL	A* ≤ ± %	μL	CV* ≤ %	μL	A* ≤ ± %	μL	CV* ≤ %	μL	EL** (DIN EN ISO) Volumetric Tolerance (ASTM) ± μL	
10	10	0.10	10	0.05	5	0.3	30	0.1	10	20	
	5	0.20	10	0.10	5	0.6	30	0.2	10	20	
	1	1.00	10	0.50	5	3	30	1	10	20	
25	25	0.07	18	0.025	6	0.2	50	0.1	25	30	
	12.5	0.14	18	0.05	6	0.4	50	0.2	25	30	
	2.5	0.70	18	0.25	6	2	50	1	25	30	
50	50	0.06	30	0.02	10	0.2	100	0.1	50	50	
	25	0.12	30	0.04	10	0.4	100	0.2	50	50	
	5	0.60	30	0.20	10	2	100	1	50	50	

* Error limits related to the nominal capacity (= maximum volume) indicated on the instrument, obtained when instrument and distilled water are equilibrated at ambient temperature (20°C/68°F) and with smooth operation. ** Error limit: EL = A + 2 CV.

The maximum resolution of the display: The titration volume is displayed in steps of 1 μL for instruments of 10 mL and 25 mL size and in steps of 2 μL for 50 mL size instruments. For titration volumes above 20 mL the display will automatically switch to steps of 10 μL. **Note:** If you need an official certification which confirms the error limits that are much stricter than those of DIN EN ISO 8655-3, we recommend a calibration certificate from an accredited calibration laboratory (e.g., the DAkkS laboratory at BRAND®).



Description	BrandTech® Cat. No.	2021 List Price
Titrette® bottletop burette		
10 mL (standard)	4760141	\$1,092.00
10 mL with RS232 interface*	4760241	1,520.00
25 mL (standard)	4760151	1,092.00
25 mL with RS232 interface*	4760251	1,520.00
50 mL (standard)	4760161	1,092.00
50 mL with RS232 interface*	4760261	1,520.00

* Includes: connector cable (Sub-D plug connector, 9-pin), one CD (driver software and open RS232 communication protocol). The CD also includes an example application in XLS-file format, as well as a special operating manual.

Instruments with a factory DAkkS certificate are available. Contact BrandTech® Scientific for more information.

BRANDTECH®
SCIENTIFIC, INC.

Toll Free: 888-522-2726
www.brandtech.com

DISPENSETTE® S

Bottletop Dispensers

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 making 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.

Easy Calibration Technique

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

Discharge valve with safety ball

closes when discharge tube is not mounted

Discharge tube

without recirculation valve

Large viewing window

Easy priming verification

Hinged screw cap

Swings out of the way when dispensing



Calibration mechanism



Volume selection

using interior scalloped track



Discharge tube

with recirculation valve

360° rotating valve block

with GL 45 thread

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

DISPENSE VIRTUALLY ANY LABORATORY LIQUID!

Product Features:

Both the Dispensette® **S** and Dispensette® **S** Organic are constructed using the “floating piston” principle. Each piston is matched individually 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.

Dispensette® S										
Volume, mL	Increments, mL	A* < \pm		CV* \leq		Cat. No.	2021 List Price	Without recirculation valve		With recirculation valve
		%	μL	%	μL			Cat. No.	2021 List Price	
Dispensette® S, Digital										
0.1-1	0.005	0.6	6	0.2	2	4600310	\$534.80	4600311	\$568.00	
0.2-2	0.01	0.5	10	0.1	2	4600320	534.80	4600321	568.00	
0.5-5	0.02	0.5	25	0.1	5	4600330	534.80	4600331	568.00	
1-10	0.05	0.5	50	0.1	10	4600340	534.80	4600341	568.00	
2.5-25	0.1	0.5	125	0.1	25	4600350	722.20	4600351	755.40	
5-50	0.2	0.5	250	0.1	50	4600360	722.20	4600361	766.00	
Dispensette® S, Analog-adjustable										
0.1-1	0.02	0.6	6	0.2	2	4600100	468.80	4600101	490.00	
0.2-2	0.05	0.5	10	0.1	2	4600120	468.80	4600121	490.00	
0.5-5	0.1	0.5	25	0.1	5	4600130	468.80	4600131	490.00	
1-10	0.2	0.5	50	0.1	10	4600140	468.80	4600141	490.00	
2.5-25	0.5	0.5	125	0.1	25	4600150	656.20	4600151	677.60	
5-50	1.0	0.5	250	0.1	50	4600160	672.20	4600161	694.40	
10-100	1.0	0.5	500	0.1	100	4600170	1,047.20	4600171	1,069.60	
Dispensette® S, Fixed-volume										
1		0.6	6	0.2	2	4600210	468.80	4600211	490.00	
2		0.5	10	0.1	2	4600220	468.80	4600221	490.00	
5		0.5	25	0.1	5	4600230	468.80	4600231	490.00	
10		0.5	50	0.1	10	4600240	468.80	4600241	490.00	
Dispensette® S Organic										
Volume, mL	Increments, mL	A* < \pm		CV* \leq		Cat. No.	2021 List Price	Without recirculation valve		With recirculation valve
		%	μL	%	μL			Cat. No.	2021 List Price	
Dispensette® S Organic, Digital										
0.5-5	0.02	0.5	25	0.1	5	4630330	\$589.40	4630331	\$622.20	
1-10	0.05	0.5	50	0.1	10	4630340	589.40	4630341	622.20	
2.5-25	0.1	0.5	125	0.1	25	4630350	793.80	4630351	826.60	
5-50	0.2	0.5	250	0.1	50	4630360	809.60	4630361	842.60	
Dispensette® S Organic, Analog-adjustable										
0.5-5	0.1	0.5	25	0.1	5	4630130	507.00	4630131	540.20	
1-10	0.2	0.5	50	0.1	10	4630140	507.00	4630141	540.20	
2.5-25	0.5	0.5	125	0.1	25	4630150	710.40	4630151	743.60	
5-50	1.0	0.5	250	0.1	50	4630160	727.80	4630161	760.60	
10-100	1.0	0.5	500	0.1	100	4630170	1,141.00	4630171	1,174.20	
Dispensette® S Organic, Fixed-volume										
5		0.5	25	0.1	5	4630230	507.00	4630231	540.20	
10		0.5	50	0.1	10	4630240	507.00	4630241	540.20	



Dispensette® **S**



Dispensette® **S** Organic



Dispensette® **S** Trace Analysis

Dispensette® S Trace Analysis										
Volume, mL	Valve Spring	A* < \pm		CV* \leq		Cat. No.	2021 List Price	Without recirculation valve		With recirculation valve
		%	μL	%	μL			Cat. No.	2021 List Price	
Dispensette® S Trace Analysis, Analog-adjustable										
1-10	Platinum-iridium	0.5	50	0.1	10	4640040	\$1,168.60	4640041	\$1,201.60	
1-10	Tantalum	0.5	50	0.1	10	4640240	1,168.60	4640241	1,201.60	

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.

RUGGED, ECONOMICAL WIPING SEAL DISPENSERS

seripettor® & seripettor® pro

The seripettor® and seripettor® pro bottletop dispensers feature an innovative replaceable piston cylinder cartridge that allows easy renewal of wearing parts. They are an excellent choice for labs dispensing crystallizing media, or labs where maintenance responsibility is shared. They also are an economical alternative

for customers who do not need the safety features or variety of accessories available for the Dispensette® S.

A spring-loaded, semi-automatic design greatly facilitates repetitive sample preparation.

seripettor®

The seripettor® is suitable for many common liquids found in Biological laboratories: bases; buffers; culture media; hydrogen peroxide; or dilute, non-oxidizing acids. Even sodium azide solutions can be dispensed, something that destroys more expensive dispensers.

Each seripettor® or seripettor® pro bottletop dispenser includes:

- Spare dispensing cartridge
- Discharge tube
- Filling tube

seripettor® pro

Choose the seripettor® pro for more aggressive media, like DMSO, acetone, or dilute hydrochloric or nitric acids. An amber cylinder sleeve and opaque outer housing helps protect light-sensitive media.

Description	BrandTech® Cat. No.	2021 List Price
seripettor®		
0.2-2 mL	4720120	\$140.40
1-10 mL	4720140	140.40
2.5-25 mL	4720150	178.00
seripettor® pro		
0.2-2 mL	4720420	353.60
1-10 mL	4720440	353.60
2.5-25 mL	4720450	505.00

Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.



For assistance in selecting the correct dispenser, ask your BrandTech® Sales Representative, or visit www.brandtech.com.