

Dispensette® S Trace Analysis, Bottle Top Dispenser, BRAND



① Dispensette® S Trace Analysis, bottle top dispenser

The Dispensette® bottle-top dispensers is well-known for its wide variety of applications and provides premium dispensing options for the complete spectrum of liquid reagents.

The new Dispensette® S Trace Analysis provides outstanding performance for precise volume dispensing of high-purity media for trace analysis. Also dispensing hydrofluoric acid is no problem with the platinum-iridium valve spring.

General features of the Dispensette® S Trace Analysis bottle-top dispenser

- Parts in contact with media consist of high-purity materials such as PTFE, ETFE, FEP, and PFA. The purest sapphire is used for replaceable valves. Depending on the application, platinum-iridium alloy or tantalum are available as spring materials.
- New discharge tube, no additional sealing rings required, with and without recirculation valve
- Simple priming by optimized flow channels
- Safe volume adjustment with internal scalloped track
- Pivoted screw cap – does not disturb dispensing
- A field-tested cleaning process before use in trace analysis is described in the operating manual
- If contamination of the bottle contents must be avoided, we recommend using the device without recirculation valve
- The 45 mm standard thread plus the 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
- Telescoping filling tube adjusts easily to different bottle sizes
- Easy disassembly for replacement of the dispensing cartridge

Items supplied:

Dispensette® S Trace Analysis, DE-M marking, with performance certificate, telescoping filling tube, recirculation tube (optional), mounting tool and bottle adapters GL 28 / S 28 (ETFE), GL 32 (ETFE) and S40 (PTFE).

Valve spring	Vol. ml	Grad. ml	A ≤ ± %	A ≤ ± µl	CV ≤ %	CV ≤ µl	without recirculation valve Order No.	with recirculation valve Order No.
Tantalum	1 – 10	0.2	0.5	50	0.1	10	10 49 64240	10 49 64241
Platinum-Iridium	1 – 10	0.2	0.5	50	0.1	10	10 49 64040	10 49 64041

Calibrated to deliver (TD, Ex). 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). Testing takes place with uniform and smooth dispensing. The error limits of DIN EN ISO 8655-5 are well below. A = Accuracy, CV = Coefficient of variation.

Accessories for Dispensette® S Trace Analysis

② Discharge tubes

With and without recirculation valve. Nominal volume 10 ml. Screw cap ETFE. Discharge tube marked with „Pt-Ir“ or „Ta“. Pack of 1.

Valve spring	Length mm	without recirculation valve Order No.	with recirculation valve Order No.
Platinum-Iridium	105	10 49 08022	10 49 08122
Tantalum	105	10 49 08024	10 49 08124

③ Dispensing cartridge with safety ring

Nominal volume 10 ml. Calibrated, incl. quality certificate. Pack of 1.

Article	Order No.
Dispensing cartridge with safety ring	10 49 08035

④ Telescoping filling tubes

For Dispensette® S Trace Analysis. FEP. Adjusts to various bottle heights. Pack of 1.

Length mm	Order No.
70–140	10 49 08210
125–240	10 49 08212
195–350	10 49 08214
250–480	10 49 08216

⑤ Bottle stand

PP. Full plastic construction. Support rod 325 mm, base plate 220 × 160 mm, weight 1130 g. Pack of 1.

Article	Order No.
Bottle stand	10 49 04275

⑥ Flexible discharge tube with recirculation valve

For Dispensette® S, Dispensette® S Organic and Dispensette® S Trace Analysis. PTFE, coiled, length approx. 800 mm, with safety handle. With changeable colored valve lever (color-code red, yellow and grey). Must not be used with HF! Pack of 1.

Nominal volume ml	Outer Ø mm	Inner Ø mm	Order No.
2/5/10	3	2	10 49 08132

