TECHNICAL DATA SHEET

ALab™ DispensMate Bottle-Top Dispenser

Bottle-top dispenser · 0.5 to 60 mL · six volume ranges · liquid-contact parts autoclavable at 121°C



ALab™ DispensMate Bottle-Top Dispenser

The ALab™ DispensMate bottle-top dispenser; image shown for reference.

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SECTION I

Product Overview

The ALab™ DispensMate is a bottle-top dispenser for handling chemicals directly from the bottle, in six volume ranges from 0.5 to 5 mL up to 5.0 to 60 mL. Every range has a systematic error of ±0.5% and a random error of ±0.2%, with calibration conforming to ISO 8655.

Inert, high-strength PTFE, FEP, BSG and PP components are used; liquid-contact parts are autoclavable at 121°C. A closure cap protects the user. Bottle adapters for common neck sizes are listed.

SECTION II

Core Advantages

- **Materials** — PTFE, FEP, BSG, PP
- **Ranges** — six, 0.5 to 60 mL
- **Safety** — closure cap
- **Autoclaving** — 121°C, liquid-contact parts only
- **Accuracy** — ±0.5% / ±0.2%
- **Bottles — adapters listed**

SECTION III

Specifications

Technical data — DispensMate

Specifications	
Brand	ALab™ by ACS Material
Model	DispensMate
ACS Cat. No.	Parent ALDSPM; ALDSPM01 to ALDSPM06
Product type	Bottle-top dispenser
Volume ranges	0.5 to 5, 1.0 to 10, 2.5 to 25, 2.5 to 30, 5.0 to 50, 5.0 to 60 mL
Systematic error	±0.5% (all ranges)
Random error	±0.2% (all ranges)
Calibration	Conforms to ISO 8655
Materials	PTFE, FEP, borosilicate glass (BSG), PP
Autoclaving	121°C (liquid-contact parts only)

Volume ranges and accuracy

Volume range (mL)	Graduation (mL)	Syst. error (µL)	Syst. error (%)	Random error (µL)	Random error (%)	ACS Cat. No.
0.5 to 5	0.1	±25	±0.5	±10	±0.2	ALDSPM01
1.0 to 10	0.2	±50	±0.5	±20	±0.2	ALDSPM02
2.5 to 25	0.5	±125	±0.5	±50	±0.2	ALDSPM05
2.5 to 30	0.5	±150	±0.5	±60	±0.2	ALDSPM03
5.0 to 50	1.0	±250	±0.5	±100	±0.2	ALDSPM06
5.0 to 60	1.0	±300	±0.5	±120	±0.2	ALDSPM04

Adapters and accessories

Accessory	Status
GL32 adapter, 45/32 mm	Listed
GL38 adapter, 45/38 mm	Listed
GL25 adapter, 32/25 mm	Listed
GL28 adapter, 32/28 mm	Listed
S40 adapter, 45/40 mm	Listed
Reagent bottle, brown, 1 L	Listed
Filling tube (per m)	Listed
Discharge tube (per m)	Listed
GL45 adapter, 45 mm	Listed
Discharge tube combination (for 25 and 50 mL)	Listed
Discharge tube combination (for 5 and 10 mL)	Listed

Scope of delivery

— Standard configuration: DispensMate bottle-top dispenser of the selected volume range.

SECTION IV

Applications

Routine dispensing of reagents and solvents directly from the bottle in pharmacology, biotechnology, healthcare, food and beverage, chemistry, environmental monitoring and academic research.

Choose the range by the volume dispensed and check chemical compatibility for the intended reagent. Specifications are per the tables above.

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