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.

CONTENTS


01 Product Overview

02 Core Advantages

03 Specifications

04 Applications



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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. Supplied with S40, GL32, GL38, GL25 and GL28 bottle adapters.

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** — supplied adapters

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) |
| **Adapters supplied** | S40, GL32, GL38, GL25, GL28 |

### 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** | Supplied |
| **GL38 adapter, 45/38 mm** | Supplied |
| **GL25 adapter, 32/25 mm** | Supplied |
| **GL28 adapter, 32/28 mm** | Supplied |
| **S40 adapter, 45/40 mm** | Supplied |
| **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, with S40, GL32, GL38, GL25 and GL28 adapters.

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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