TECHNICAL DATA SHEET

ALab™ DispensMate-HF Hydrofluoric Acid Bottle-Top Dispenser

Bottle-top dispenser for hydrofluoric acid · 1.0 to 10 mL · ceramic piston and FEP tubing · ISO 8655



ALab™ DispensMate-HF Hydrofluoric Acid Bottle-Top Dispenser

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

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SECTION I

Product Overview

The ALab™ DispensMate-HF is a bottle-top dispenser for hydrofluoric acid, for 1.0 to 10 mL in 0.2 mL increments. Accuracy complies with ISO 8655.

The piston, cylinder, valve ball and valve seat are high-purity ceramic, the valve spring is a special alloy and the inlet and outlet tubes are FEP. A vernier-adjustable guide rail sets the volume, and the dispenser is easy to clean. The reflux valve design reduces reagent waste and prevents leakage during idle periods.

SECTION II

Core Advantages

- **Piston / tubes** — ceramic / FEP
- **Setting** — vernier guide rail
- **Bottles** — S40, GL32, GL38, GL25, GL28
- **Volume** — 1.0 to 10 mL
- **Reagent** — reflux valve
- **Standard** — ISO 8655

SECTION III

Specifications

Technical data — DispensMate-HF

Specifications	
Brand	ALab™ by ACS Material
Model	DispensMate-HF
ACS Cat. No.	ALDSPH01
Product type	Bottle-top dispenser for hydrofluoric acid
Volume range	1.0 to 10 mL
Increment	0.2 mL
Volume setting	Vernier-adjustable volume guide rail
Reflux valve	Yes
Piston, cylinder, valve ball and seat	High-purity ceramic
Valve spring	Special alloy
Inlet and outlet tubes	FEP
Bottle adapters (compatible)	S40, GL32, GL38, GL25, GL28
Quality standard	ISO 8655

Accuracy (ISO 8655; increment 0.2 mL)

Test volume (mL)	Syst. error (µL)	Syst. error (%)	Random error (µL)	Random error (%)
10	50	0.5	20	0.2
5	60	1.2	20	0.4
1	60	6	20	2.0

Wetted materials

Component	Material
Piston, cylinder, valve ball and valve seat	High-purity ceramic
Valve spring	Special alloy
Inlet and outlet tubes	FEP

SECTION IV

Applications

Dispensing hydrofluoric acid directly from the bottle in trace analysis.

Follow your laboratory's HF safety procedures. Specifications are per the tables above.

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