



DispensMate-HF

Hydrofluoric Acid Bottle-Top Dispenser

Hydrofluoric acid (HF) is widely used in trace analysis due to its strong corrosive nature, which can quickly erode glass and pose serious risks to human health. Therefore, dispensing devices must have extremely high corrosion resistance and safety performance. The DispensMate-HF Hydrofluoric Acid Bottle-Top Dispenser is specially designed to address the characteristics of HF, providing a reliable dispensing solution for highly corrosive HF reagents.

Features

- The piston, piston cylinder, valve ball, and valve seat are all made from high-purity ceramic materials.
- The valve spring is made of high-quality special alloys with excellent corrosion resistance.
- Both the inlet and outlet tubes are made from FEP material, which offers strong corrosion resistance.
- Dispensing range: 1-10 mL, complying with ISO 8655 standards.
- The vernier-style adjustable volume guide rail design ensures fast, reliable, and highly repeatable volume setting.
- The reflux valve design reduces reagent waste and prevents leakage during idle periods.
- Easy to disassemble, clean, and maintain regularly.
- Compatible with 6 commonly used bottle-top dispensers (S40, GL32, GL38, GL25, GL28).

Specifications

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
mL	mL	mL	μL	%	μL	%
1.0-10	0.2	10	50	0.5	20	0.2
		5	60	1.2	20	0.4
		1	60	6	20	2.0