

725HF High Flow Piston Valves



The 725HF Series high flow piston valve fills small bottles, foil packs, and other packaging with absolute accuracy at up to 450 ml per second.

Rating: Not Rated Yet

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Description

Ideal for adhesives, cosmetics, creams, grease, lubricants, inks, and sealants, the 725HF is also used for potting electronics and applying braze pastes.

Using a slight pull-back at the end of each dispense cycle ensures accurate fill amounts. A unique ultra-high molecular weight (UHMW) polyethylene diaphragm replaces traditional seals, providing complete separation of the fluid from the cylinder body without the need for seal maintenance.

Features

- FDA-compliant wetted parts
- Fully adjustable flow rates
- Cycle rate exceeds 400 cycles per minute
- < ±1% repeat fill tolerance
- Low-maintenance design

Compatible Fluids

- Adhesives
- Cosmetics
- Creams

Dispensing: 725HF High Flow Piston Valves

- Greases
- Lubricants
- Inks
- Sealants

The complete system includes the 725HF dispense valve, ValveMate™ 8000 controller, fluid reservoir, and dispense tip. Integrate with an EFD automated dispensing system for even faster throughput.

Part Numbers

725HF High Flow Piston Valves		
Part #	Description	Specification
7021020	725HF-SS Valve	Hard-coat anodized aluminum air cylinder body assembly with passivated 303 stainless steel fluid body and shaft. UHMW® diaphragm and sealing head. Includes 1.5 m (5 ft) input air hose with male quick-connect, fluid inlet fitting #7021038 lip adapter, and two #7018554 disposable polyethylene nozzles.
7021015	725HF-A Valve	Same as 725HF-SS except wetted parts are acetal copolymer. UHMW® polyethylene and PTFE-coated stainless steel. Includes 1.5 m (5 ft) input air hose with male quick-connect, fluid inlet fitting #7021038, lip adapter, and (2) #7018554 disposable polyethylene nozzles.

*UHMW - Ultra High Molecular Weight polyethylene

Reviews

There are yet no reviews for this product.