

TS5620 Series Diaphragm Valves

Diaphragm Valves are designed to dispense low to medium viscosity materials with precision accuracy over a wide range of shot and bead sizes down to a fraction of a micro liter. A short opening stroke provides fast, positive shut-off. An external stroke control adjustment makes it easy to fine-tune shot sizes. The compact design allows for mounting flexibility and easy integration into automated applications.

Body available in FDA-compliant Ultra High Molecular Weight Polyethylene (UHMWPE) for most applications. A Teflon® version for chemical compatibility, and a Delrin® version for UV-curable are also available. A stainless steel version with optimized internal fluid route is especially dedicated to dispense UV-cure adhesives, resins and lacquers used in the manufacture of DVDs and CDs. A hand-held actuated valve is also available. The valves are easy to use and maintain with user replaceable spare parts.

Key Features:

- Excellent moisture sensitive resistance
- Adjustable stroke control
- Compact size and weight
- Simple and low maintenance design
- Long life cycles

Typical Applications:

To dispense a wide range of shot sizes of low viscosity fluids such as: cyanoacrylates, anaerobics, liquid fluxes, solvents, UV-cure adhesives, resins and lacquers.



TS5622 - dispensing cyanoacrylate.



Length:	2.4" (61mm) - 3.47" (88mm) (Depending on exact configuration)
Diameter:	0.94" (24mm) - 1.06" (27mm)
Weight:	0.13 lb. (59 g) to 0.26 lb. (118 g)
Wetted Parts:	Depending on exact configuration
Viscosity Range:	1-50k cps
Max Fluid Pressure:	70 psi (4.8 bar)
Activation Pressure:	70 psi (4.8 bar) - 90 psi (6.2 bar)
Connections:	Depending on exact configuration
Mounting:	10-32 UNF (not available on handheld models)

PART NUMBER	DESCRIPTION
TS5620HU	Horizontal valve UHMWPE
TS5621HD	Horizontal valve Delrin®
TS5620HT	Horizontal valve Teflon®
TS5622VU	Vertical Valve UHMWPE
TS5622VD	Vertical Valve Delrin®
TS5622VT	Vertical Valve Teflon®
TS5622VU-DVD	Vertical Valve, UHMWPE and Stainless Steel
TS5623HU	Hand Held Valve UHMWPE
TS5623HD	Hand Held Valve Delrin®
TS5623HT	Hand Held Valve Teflon®

