

TS5623 Series

Hand-Held Diaphragm Valves



Hand-Held Diaphragm Valve TS5623 Series

Seal-less hand-held diaphragm valve for general dispensing without a controller.

Techcon's diaphragm valves are designed to dispense low to medium viscosity fluids where a controlled shot is not required.

The valves are easy to use and maintenance is simplified with user replaceable spare parts.

The compact design and trigger lever, is comfortable to hold for manual applications.

The seal-less valve design features excellent moisture sensitive resistance and the incorporated diaphragm creates a barrier between the wetted parts and the rear cylinder.

A controller is not required for activation as the valve is actuated by the use of a mechanical lever.

With a choice of UHMWPE*, Delrin® or Teflon®, the TS5623 Series hand-held diaphragm valves can handle a wide range of industrial fluids.

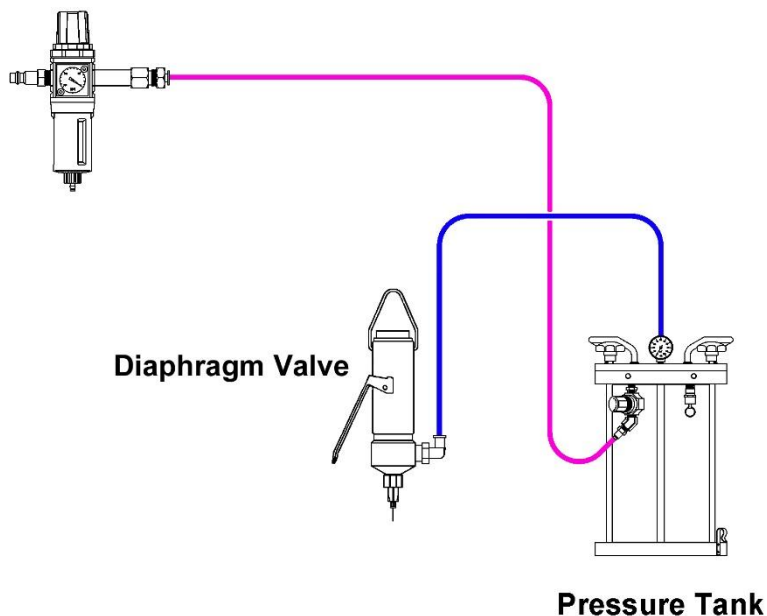
Part Number	Fluid Housing	Diaphragm	Weight
TS5623HD	Delrin®	UHMWPE*	0.245 lb (111g)
TS5623HT	Teflon®	Teflon®	0.257 lb (117g)
TS5623HU	UHMWPE*	UHMWPE*	0.227 lb (103g)

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IDENTIFICATION OF FEATURES



— FLUID
— CONSTANT AIR

SPECIFICATIONS & PART NUMBERS

Part Number:	TS5623 Series
Size (Imperial):	3.9" x 1.06"
Size (Metric):	99.1mm x 26.9mm
Weight:	See Chart
Fluid Inlet:	1/8" NPT female
Fluid Outlet:	Luer lock male
Fluid Pressure:	70 psi (4.8bar) MAX.
Viscosity Range:	1 – 50 000cps
Wetted Parts:	See Chart

*UHMWPE: Ultra High Molecular Weight Polyethylene

The valve is shipped with the following items:

- Luer Lock Fluid Line
- Luer lock inlet fittings
- Dispense Tip Selection Pack

ACCESSORIES

- Fluid Reservoirs: The valve can be fed from Techcon's TS1254 or TS1258 pressure tanks, or from any size syringe barrel.
- Dispense Tips: All Techcon tips can be used with the TS5623 Series.

Key Features & Benefits

- Long cycle life
- Compact size & weight
- Excellent moisture sensitive resistance
- 3 fluid housing materials for chemical compatibility
- Convenient hanger

Typical Applications

Dispensing:

- Anaerobic onto screw threads
- Cyanoacrylate in bonding applications
- Adhesive for speaker bonding

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