

TS1250 Series

Pressure Tanks



TECHCON™



Pressure Tank TS1250 Series

Constant air pressure forces the fluid, from the bottle, through pre-installed tubing to the point of dispense.

Techcon's pressure tanks are designed to accommodate fluids that are supplied in bottle/container form.

Black fluid tubing is available for UV applications. "Through" compression fittings are located at the center of the lid, of the tanks, to ensure a continuous fluid path to the dispensing valve.

Air-tight seals ensure there are no leak points or air entrapment problems and that fluid touches nothing but tubing from the tank to the valve.

Disposable polyethylene fluid lines can be changed quickly and easily.

The medium size TS1254 pressure tank features all of the benefits found on the TS1258 pressure tank but in a compact bench top size.

Both pressure tanks can accommodate low to medium viscosity fluids including solvents, adhesives, as well as cyanoacrylates (CA).

Equipped with a pressure relief (safety) valve, the pressure tanks provide safe a secure dispensing for all applications.

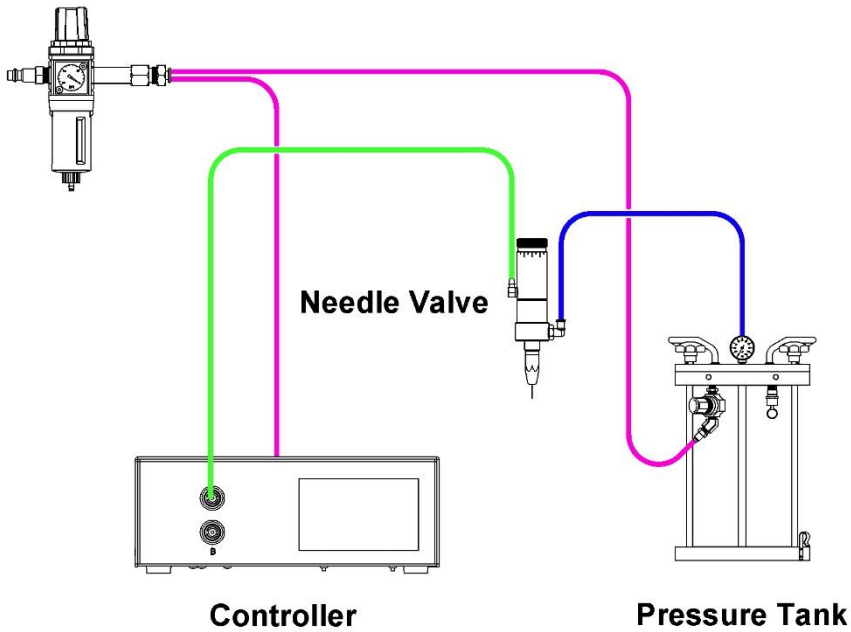
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IDENTIFICATION OF FEATURES



SPECIFICATIONS & PART NUMBERS

Part Number:	TS1254	TS1258
Size (Imperial):	12.5" x 5.0"	15.0" x 11.0"
Size (Metric):	318mm x 127mm	381mm x 279mm
Weight:	10.4 lb (4.7g)	21 lb (9.5kg)
Chamber (Imperial):	6.5" x 4.75"	11.0" x 6.0"
Chamber (Metric):	165mm x 121mm	279.4mm x 152mm
Chamber Capacity:	1.8L	5L
Operating Pressure:	70 psi (4.8bar) Max.	100 psi (6.9bar) Max.
Standard Tube Size:	6mm	¼"
Optional Tube Size:	4mm	3/8", 6mm & 4mm
Fitted Lid O-ring:	Silicone	Viton®
Optional Lid O-ring:	Viton®	EPR*
Viscosity Range:	1- 25 000cps	1- 50 000cps

*EPR: Ethylene Propylene Rubber

The valve is shipped with the following items:

- Air Pressure Regulator (Attached)
- Air Hose
- Fluid Tubing

ACCESSORIES

- Manifold: The pressure tanks can feed Techcon's TS918-46 4-way manifold, providing equal flow for up to 4 valves.
- Tubing kits: Tubing kits are available for ease of connection.

Key Features & Benefits

- Pressure relief valve prevents over pressurizing
- Clear & black fluid tubing available
- 1.8L & 5L capacities
- Optional tubing sizes available

Typical Applications

Feeding:

- 4-way manifold for multiple valve dispensing
- Spray valve with conformal coating
- Diaphragm valve with CA adhesive