

S Series Piston Tank Dispensing System

**Piston tank complete
with hand dispense valve.**

The piston tank dispensing system has been designed specifically to consistently and hygienically dispense air sensitive, air curing materials of medium to high viscosities.

Both the tank and the hand valve are easy to setup and operate using standard factory compressed air to pressurize materials for dispensing.

Thanks to its smart and compact design, the PT tank maintains a constant pressure on the fluid, allowing for a constant flow rate to the hand valve. Thus, without contact with air pressure.

The hand dispense valve operates with a pneumatic trigger for ease of dispensing. The flow rate is controlled using the manual ball valve.

The piston tank system is an ideal benchtop piece of equipment for manual and low throughput dispensing applications.

All wetted parts of the tank and the valve are stainless steel 303/304, with Viton seals.



2000ML-PT-SYS

Technical data – Piston Tank System

Type	2000ML-PT-SYS
Max. working pressure (psi/bar)	100/6.9
Capacity (Litres)	2
Weight (kg)	9
Body Inner Diameter (mm)	130
Overall Outer Diameter (mm)	189
Overall height (mm)	316
Height without lid (mm)	230
Material Viscosity (cps)	20,000 to 100,000
Valve operating air pressure (psi)	70 – 100
Valve material input pressure (psi)	2,000 max
Valve construction	St/St 303
Valve seals	Viton
Valve material inlet	1/4" NTP
Valve material outlet	1/4" NTP
Valve weight (gr)	750

* Only available in stainless steel 303/304.

Operation and maintenance of the tank is very simple. Material is transferred into the tank manually by removing the lid.

Any air bubbles trapped can easily be removed using our vacuum kit (supplied with the tank).

The hand dispense valve offers an effective solution for dispensing medium to high viscosity materials.

A spring snap-back retraction closes the valve after releasing the trigger, resulting in a suck-back at the fluid outlet to prevent dripping.

Fluids compatible with the PT Series Tank

- All UV sensitive materials with medium to high viscosities
- All air curing materials, including adhesives with medium to high viscosities
- All medium to high viscosity materials, such as greases, silicones, sealants, epoxies, gels, creams, etc...
- Thixotropic materials



Subject to change without notice

For more information, please contact us at technical@sr-tek.com