



TS350 Series Dispenser

Advanced-Level Digital Dispenser

The TS350 Series Dispenser dispenses low, medium and high viscosity fluids, accurately and consistently.

A highly responsive air pressure and vacuum management system, coupled with a digital timing circuit and digital pressure/vacuum read out, provides repeatable fluid dispensing.

These systems are economical, highly accurate and repeatable micro air dispensing systems.

The TS350 Series includes a digital timer, with rotary timing knob, for easy setup and a vacuum control for all viscosities of fluid.

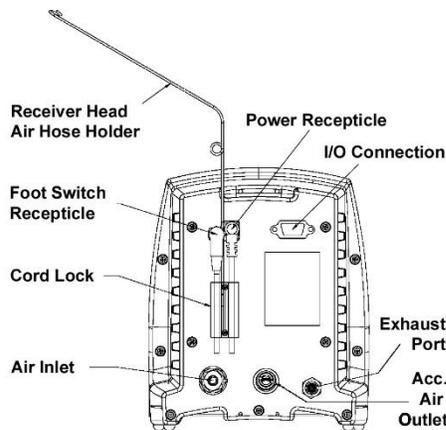
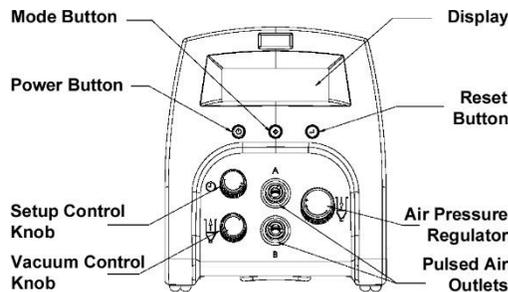
The user friendly firmware provides an option of programming up to 10 varied, sequenced or individual shots.

The TS350 Series has 4 modes of operation: Timed, Teach, Interrupt and Purge.

The rear DB9 interface connector has the ability to initiate the dispense cycle by an external device by way of voltage or contact closure signal.

Available in two versions of operating pressure: 0 to 100 psi (0 to 6.9bar) for general applications and 0 to 15 psi (0 to 1.0bar) for specific low viscosity applications.

FEATURES



SPECIFICATIONS & PART NUMBERS

Part Number:	TS350	TS355
Size (Imperial):	6" W x 7.7" L x 7.2" H	6" W x 7.7" L x 7.2" H
Size (Metric):	152mm x 195mm x 183mm	152mm x 195mm x 183mm
Weight:	2.6 lb (1200g)	2.6 lb (1200g)
Pressure Range:	0 to 100psi (0 to 6.9bar)	0 to 15psi (0 to 1.0bar)
Cycle Rate:	1200/min.	1200/min.
Timing Range:	0.008 – 60 seconds	0.008 – 60 seconds
Timing Tolerance:	+/- 0.001%	+/- 0.001%
Input Voltage:	100 – 240 VAC	100 – 240 VAC
Input Frequency:	50 – 60 Hz	50 – 60 Hz
Cycle Modes:	Timed, Purge, Teach, Int.	Timed, Purge, Teach, Int.
Certification:	CE, TUV-GS and NRTL	CE, TUV-GS and NRTL

The valve is shipped with the following items:

- Power Supply • Foot Switch • Air Hose • Sample Dispense Tips
- 10cc Receiver Head • 10cc Syringe. Piston & Tip Cap • Syringe

ACCESSORIES

- Syringe Barrels: The dispenser can be connected to any size and color Techcon syringe barrel.
- Receiver Heads: Receiver heads connect the dispenser to syringe barrel. Available in 3ft (0.9m) or 6ft (1.8m) air hose lengths.
- Dispense Tips: All Techcon dispense tips can be use with the TS350 Series.

Key Features & Benefits

- Universal power supply for worldwide use
- 20 x 4 LCD display with back light
- 4 modes of operation
- Digital timing 0.008 – 60 seconds
- Adjustable vacuum suck back to control fluid tailing and waste

Typical Applications

Dispense:

- Lubricant in automotive electrical switches
- UV beads in LCD bonding applications
- Anaerobic to screw threads

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