



Entry Level Dispenser TS250 Series

The TS250 Series Dispenser/Controller dispenses low, medium and high-viscosity fluids accurately and consistently. These systems are economical, highly accurate and repeatable micro-air dispensing systems.

These user-friendly fluid dispensing systems include digital timer with rotary control time knob for easy setup, and a vacuum control for all viscosities of fluids. Features a small footprint and is lightweight.

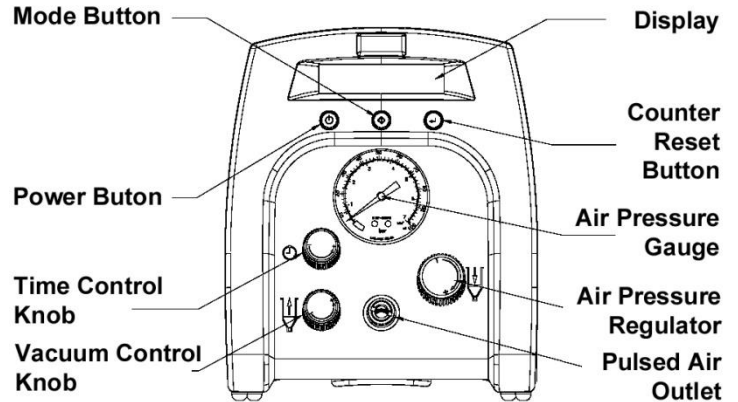
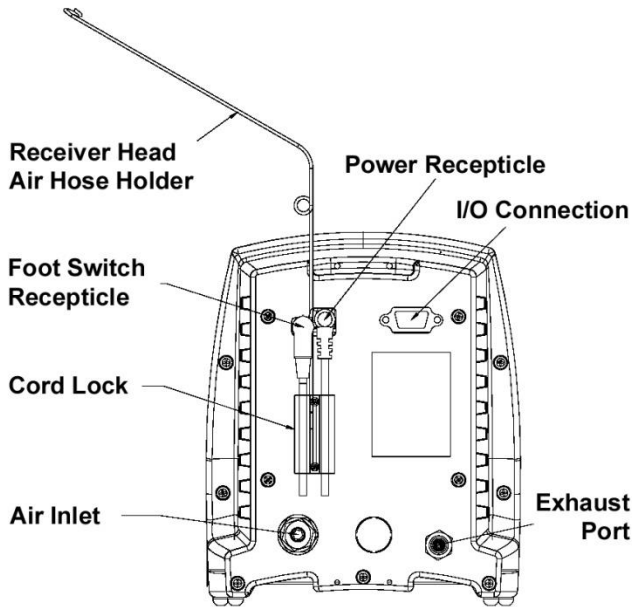
The rear DB9 interface connector has the ability to initiate the dispensing cycle by an external device by way of a voltage or contact closure signal.

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

Key Features & Benefits

- Universal power supply for worldwide use
- 16 x 2 LCD display with back lighting
- Digital timing from 0.020 - 60 seconds
- Adjustable vacuum suck back to control fluid tailing and waste

IDENTIFICATION OF FEATURES



SPECIFICATIONS & PART NUMBERS

| | TS250 | TS255 |
|--------------------------|-------------------------|------------------------|
| 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 (0-6.9 bar) | 0 to 15psi (0-1.0 bar) |
| Cycle Rate: | 600/min. | 600/min. |
| Timing Range: | 0.020 - 60 seconds | 0.020 - 60 seconds |
| Timing Repeat 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 | Timed, Purge |
| Certification: | CE, TUV-GS and NRTL | CE, TUV-GS and NRTL |

Typical Applications

- Dispense dots of solder paste on PCBA pads
- Dispense UV adhesive in medical device applications
- Dispensing beads of grease for lubrication applications

The dispenser is shipped with the following items:

- Universal power supply
- Foot switch
- Air hose
- Sample tips
- 10cc syringe barrel and receiver head
- Syringe barrel stand

ACCESSORIES

- **Syringe barrels:** The dispenser can be connected to any size syringe barrel or color. The syringe barrels connect to a receiver head which is the link between the dispenser and syringe barrel. Receiver heads are available with 3ft (0.9m) or 6ft (1.8m) air tubing
- **Dispensing Tips:** Suitable for use with all tip series. For the complete dispensing tip offering please visit www.techconsystems.com

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