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

<table>
<thead>
<tr>
<th></th>
<th>TS250</th>
<th>TS255</th>
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</thead>
<tbody>
<tr>
<td>Size (Imperial)</td>
<td>6” W x 7.7” L x 7.2” H</td>
<td>6” W x 7.7” L x 7.2” H</td>
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<tr>
<td>Size (Metric)</td>
<td>152mm x 195mm x 183mm</td>
<td>152mm x 195mm x 183mm</td>
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<tr>
<td>Weight</td>
<td>2.6 lb (1200g)</td>
<td>2.6 lb (1200g)</td>
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<tr>
<td>Pressure Range</td>
<td>0 to 100psi (0-6.9 bar)</td>
<td>0 to 15psi (0-10 bar)</td>
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<tr>
<td>Cycle Rate</td>
<td>600/min.</td>
<td>600/min.</td>
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<tr>
<td>Timing Range</td>
<td>0.020 – 60 seconds</td>
<td>0.020 – 60 seconds</td>
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<tr>
<td>Timing Repeat Tolerance</td>
<td>+/- 0.001%</td>
<td>+/- 0.001%</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>100 – 240 VAC</td>
<td>100 – 240 VAC</td>
</tr>
<tr>
<td>Input Frequency</td>
<td>50 – 60 Hz</td>
<td>50 – 60 Hz</td>
</tr>
<tr>
<td>Cycle Modes</td>
<td>Timed, Purge</td>
<td>Timed, Purge</td>
</tr>
<tr>
<td>Certification</td>
<td>CE, TUV-GS and NRTL</td>
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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](http://www.techconsystems.com)

Typical Applications

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

For Sales & Support

Call for Details
(800)401-1441

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