Advanced Level Dispenser
TS350 Series

The TS350 Series dispenses low, medium and high-viscosity fluids accurately and consistently and is immediately usable anywhere in the world with its accompanying tools, accessories and universal power supply.

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.

The user-friendly firmware provides an option of programming up to 10 varied, sequenced or individual shots. These systems have a user programmable manual (purge) and automatic dispense cycle settings (program and time) and they feature a "Teach Mode" for determining the dispensing time required with dispensing output is unknown. Available in 1 - 100psi (0.07 - 6.9 bar) for general applications, and 0 - 15psi (0.07 - 1.0 bar) for specific low viscosity applications.

Key Features & Benefits

- Universal power supply for worldwide use
- 20 x 4 LCD display with back lighting
- All read outs displayed digitally
- Digital timing from 0.008 - 60 seconds
- 10 programmable memories
- 4 modes of operation - Timed, Purge, Teach and Interrupt
- Adjustable vacuum suck back to control fluid tailing and waste
IDENTIFICATION OF FEATURES

SPECIFICATIONS & PART NUMBERS

<table>
<thead>
<tr>
<th></th>
<th>TS350</th>
<th>TS355</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 (0-1.0 bar)</td>
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<tr>
<td>Cycle Rate:</td>
<td>1200/min.</td>
<td>1200/min.</td>
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<tr>
<td>Timing Range:</td>
<td>0.008 – 60 seconds</td>
<td>0.008 – 60 seconds</td>
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<tr>
<td>Timing Repeat Tolerance</td>
<td>+/- 0.001%</td>
<td>+/- 0.001%</td>
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<tr>
<td>Input Voltage:</td>
<td>100 – 240 VAC</td>
<td>100 – 240 VAC</td>
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<tr>
<td>Input Frequency:</td>
<td>50 – 60 Hz</td>
<td>50 – 60 Hz</td>
</tr>
<tr>
<td>Cycle Modes:</td>
<td>Timed, Purge, Teach, Int.</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

Typical Applications

- Applying lubricant in Automotive electrical switches
- Dispensing UV beads in LCD bonding applications
- Impregnating humidity indicator cards (HIC) with fluid chemical in semiconductor packaging applications

For Sales & Support

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