The TSM50BP is a cost effective, entry level metering, mixing and dispensing machine.

This meter mix system employs a parallel drive system with positive displacement pump technology to ensure repeatable, accurate volumetric metering, mixing and dispensing of low to medium viscosity two-part resin systems. Volumetric ratio’s available from 1:1 to 4:1 and shot size range from 2cc to 50cc.

This compact machine is simplistic in its format and flexible in its design to accommodate a range of optional extras to suit the wide range of available resins and differing customer application needs. This meter mix system can be used in bonding, encapsulation, potting, sealing and insulating applications for all industries.

Key Features & Benefits
- Volumetric metering and mixing
- Accurate and repeatable up to ± 1%
- Fix ratio from 1:1 to 4:1
- Compact size and small footprint
- Adjustable shot size

Typical Applications
- Bonding
- Encapsulation and Potting
- Sealing
- Insulating
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Standard Features</th>
<th>Optional Features</th>
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</thead>
<tbody>
<tr>
<td>Tanks</td>
<td>• 7L Polyethylene</td>
<td>• Heating blanket, thermostat control limited to 50°C</td>
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<td></td>
<td>• Push in ‘O’ seal lid</td>
<td>• Pneumatic Stirrer</td>
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<tr>
<td>Metering Pumps</td>
<td>• Stainless Steel wetted parts</td>
<td>• Anti-abrasive EN40 hardened wearing parts</td>
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<tr>
<td>Mixing Head</td>
<td>• 2-Port outlet mixing block</td>
<td>• 5/3/5 porting for difficult mix ratio</td>
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<tr>
<td></td>
<td>• Anti-drip, Machine mounted</td>
<td>• Ratio check block</td>
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<tr>
<td>Hoses</td>
<td>• PTFE lined Stainless Steel, braided</td>
<td></td>
</tr>
</tbody>
</table>

### EQUIPMENT

**Techcon Systems Corporate Headquarters**  
10800 Valley View Street, Cypress  
California, 90630, USA.  
Tel: 1-714-230-2398  
E-mail: oemorders@okinternational.com

**Techcon Systems European Corporate Office**  
Eagle Close, Chandler’s Ford Industrial Estate,  
Eastleigh, Hampshire, SO53 4NF, UK.  
Tel: +44 2380 489 100  
E-mail: europe-orders@okinternational.com  
Or visit www.techconsystems.com

**EQUIPMENT**

**TSM50BP**

**MIX RATIO OPTIONS**  1:1, 2:1, 4:1  
**SHOT SIZE RANGE**  2 - 50 CC  
**MAXIMUM VISCOSITY**  70,000 cps.  
**ACTIVATION**  FOOT SWITCH  
**METERING REPEATABILITY**  +/- 1%  
**OPERATING PRESSURE**  100 psi  
**MIXING**  DISPOSABLE STATIC MIXERS  
**TANK CAPACITY OPTIONS**  3, 5, 7, 10 Liter  
**MECHANISM**  PARALLEL DRIVE, POSITIVE DISPLACEMENT  
**POWER (DIGITAL)**  SINGLE PHASE 110V & 220V  
**DIMENSION (W X D X H)**  16.3” X 25.1” X 26.2”  
(413 X 638 X 666 mm)  
**WEIGHT**  88 lbs (40 kg)