The PAR 5C metering and mixing machine offers an economic solution for a wide range of resin dispensing applications. Very reliable and precise electronic potting, casting, moulding or component bonding can be easily achieved. This machine exhibits a high degree of efficiency, accompanied by a compact floor mounted design. Twin 30lt (7.9 US gal) gravity feed reservoirs securely contain the A and B material components. The PAR 5C can handle two part materials such as epoxy, polyurethane or silicone in a very stable and careful process. The new METER MIX® in-line drive mechanism (ILD) provides characteristics which are not normally associated with pneumatic machine technology: advanced flow rate and ratio control characteristics. High mixing ratios or large differences in viscosities are also possible with this machine.

STANDARD FEATURES

- Floor mounted machine with castors for portability
- “Metered Shot” and “Operator Controlled” shot size selection
- Shot size adjuster with digital reference indicator
- Service indicator lamp

<table>
<thead>
<tr>
<th>Measuring Pumps</th>
<th>Single acting positive displacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixer Valve</td>
<td>Pneumatically operated TSV601 Mixer Valve</td>
</tr>
<tr>
<td>Ratio Range Capability</td>
<td>1:1 to 20:1 (depending upon pumps selected)</td>
</tr>
<tr>
<td>Viscosity acceptance</td>
<td>Up to 500,000 mPa.s (depending upon material thixotropy)</td>
</tr>
<tr>
<td>Shot size</td>
<td>Available from approx. 25 ml up to 235 ml at volumetric ratios of 1:1 &amp; 3:1 respectively</td>
</tr>
<tr>
<td>Cycle Rate</td>
<td>up to 30 shots per minute (depending upon viscosity)</td>
</tr>
<tr>
<td>Mixing</td>
<td>Disposable Static</td>
</tr>
<tr>
<td>Reservoir Capacity</td>
<td>30 ltr (7.9 gal) Stainless steel with silica gel moisture protection</td>
</tr>
</tbody>
</table>

Controls
- Integrated PLC control with HMI operator interface
- Dispense pressure regulator and gauge
- Air supply filter/regulator and gauge with connection check unit.
- Main Off/On switch
- Emergency Stop & Reset Buttons
- Anti-gel automatic purge timer
- Shot counter/repeater unit for multiple shot applications
- Either foot pedal or hand held trigger start options available
- 230V/50Hz or 110V/60Hz AC electric supply + compressed air @ 80 p.s.i.

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AVAILABLE OPTIONS

- 6 ltr (1.58 gal), 12 ltr (3.16 gal), and 18 ltr (4.74 gal) capacity reservoir sizes
- Digitally controlled heating to reservoirs, pumps and hoses
- Electric agitation to material reservoirs
- Electronic low-level sensing to material reservoirs with visual and audible alarms
- Stainless steel wetted parts to protect against corrosion
- Hardened parts to protect against abrasion
- Nitrogen purge facility to material reservoirs
- Vacuum degassing to material reservoirs
- Rotary/Static disposable mixing option (electrically driven)
- Bulk feed transfer pump facility directly from suppliers containers

TYPICAL APPLICATIONS

- Electronic Potting
- Casting
- Moulding
- Component Bonding
- Brush Setting

TYPICAL MATERIALS

- Polyurethane
- Epoxy
- Silicone
- Methacrylate