The PAR 20 series were specifically developed to process a wide range of high-viscosity material systems. Because of this the machines are optimally suited for adhesive dispensing as well as for metering and mixing of resins. Insulated and structural glazing applications can be stably managed and very accurately controlled. The METER MIX® PAR 20, 20C and 20CE machines incorporate reliable, proven technology in order to meter precise doses, or accurate beads of mixed product within a wide range of applications. The PAR 20 machine incorporates a follower seal plate for the major component and a gravity feed reservoir for the minor component, enabling the machine to process a mix of high-viscosity and low-viscosity resins, sealants and adhesives. The PAR 20C/20CE machines incorporate twin follower seal plates which allows both materials to be dispensed directly from the supplier's containers. All machines of the PAR 20 series have the latest METER MIX® ILD (in-line drive mechanism) for accurate and consistent processing of materials with high mix ratios or vastly differing viscosities.

**AVAILABLE OPTIONS**

- Shot size adjuster with digital reference indicator
- Digitally controlled heating to follower plate, reservoir, pumps and hoses
- Electronic low-level sensing to both materials with visual and audible alarms
- Stainless steel wetted parts to protect against corrosion
- Hardened parts to protect against abrasion
- Swiveling boom assembly to support hand held mixer valve
- Rotary/Static disposable mixing option (electrically driven)

**STANDARD FEATURES**

- Floor mounted machine with castors for portability
- “Operator Controlled” shot size selection
- Service indicator lamp

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metering Pumps</td>
<td>Single acting positive displacement</td>
</tr>
<tr>
<td>Mixer Valve</td>
<td>Pneumatically operated TSV601 Mixer Valve</td>
</tr>
<tr>
<td>Ratio Range Capability</td>
<td>1:1 to 12:1 (depending upon pumps selected)</td>
</tr>
<tr>
<td>Viscosity acceptance</td>
<td>Up to 1,500,000 mPa.s</td>
</tr>
<tr>
<td>Shot size</td>
<td>Available from approx. 11 ml up to 108 ml at 10:1 volumetric ratio</td>
</tr>
<tr>
<td>Cycle Rate</td>
<td>up to 15 shots per minute (depending upon viscosity)</td>
</tr>
<tr>
<td>Mixing</td>
<td>Disposable Static</td>
</tr>
<tr>
<td>Major component drum/pail size</td>
<td>typically approx. 20 ltr (5.27 gal) / 25 ltr (6.58 gal) (depending upon drum dimensions)</td>
</tr>
<tr>
<td>Minor component reservoir size</td>
<td>PAR 20: 18 ltr (4.74 gal) stainless steel</td>
</tr>
<tr>
<td>Minor component drum/pail size</td>
<td>PAR 20C: approx. 20 ltr (5.27 gal)</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.

**TYPICAL APPLICATIONS**

- Component Bonding & Sealing
- Insulated Glazing
- Structural Glazing
- Moulding

**TYPICAL MATERIALS**

- Polyurethane
- Epoxy
- Silicone
- Methacrylate
- Polysulphide

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