



# PAR 5C

Specifically developed to incorporate the latest METER MIX® in-line drive mechanism (ILD), the PAR 5C machine provides reliable, advanced flow rate and ratio control characteristics during dispense, not normally associated with pneumatic machines. ILD also assists the accurate and consistent processing of materials with high mix ratios or vastly differing viscosities. Incorporating the same robust and proven metering and mixing principles as the original PAR 5, the advanced PAR 5C provides the perfect solution to many applications. In addition, the PAR 5C can also be interfaced with automated systems for fully or semi-automatic applications.

## 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

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

### 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
- 230vAC 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