



# PAR 5C

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

<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
- 230V/50Hz or 110V/60Hz AC electric supply + compressed air @ 80 p.s.i.

### Global Sales and Service

Find us near you:  
[www.MeterMixSystems.com/contacts](http://www.MeterMixSystems.com/contacts)



## 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