



# PAR 4CE PAR 4CTE

Specifically developed to incorporate the latest METER MIX® in-line drive mechanism (ILD), the PAR 4CE & PAR 4CTE machines provide reliable, advanced flow rate and ratio control characteristics during dispense, with the added benefit of electric servo drive speed and shot size control. 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 4, the advanced PAR 4CE & PAR 4CTE provide the perfect solution to many applications. In addition, the PAR 4CE & PAR 4CTE can also be interfaced with automated systems for fully or semi-automatic applications.

## STANDARD FEATURES

- Bench top machine with adjustable feet (PAR 4CE)
- Floor standing machine on castors for portability (PAR 4CTE)
- "Metered Shot" and "Operator Controlled" shot size selection
- 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 24:1 (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. 2.5 ml up to 168 ml at a ratio of 1:1 by volume
<b>Cycle Rate</b>	up to 30 shots per minute (depending upon viscosity)
<b>Mixing</b>	Disposable Static
<b>Reservoir Capacity</b>	PAR 4CE: 6 ltr (1.58 gal) PAR 4CTE: 18 ltr (4.74 gal) Stainless steel with silica gel moisture protection

### Controls

- Integrated PLC control with colour HMI touchscreen operator interface
- "Recipe" function with up to 50 programmable flow rate and shot size parameters
- 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

- 12 ltr (3.16 gal) capacity reservoir sizes/ 6 ltr (1.58 gal), 12 ltr (3.16 gal) & 30 ltr (7.9 gal) optional on PAR 4CTE
- 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