



# PAR 3CE PAR 3CTE

Whether it is used for epoxy dispensing or for the processing of other materials (silicone, PU or methacrylate), the **METER MIX® PAR 3CE & PAR 3CTE** models provide a convincing role with exact metering and mixing of two-part materials. This also includes high mixing ratios or large differences in the viscosities of the materials. METER MIX® specifically developed the in-line drive mechanism (ILD) to provide advanced flow rate and ratio control characteristics during the dispensing process. An added benefit of this development is the electric servo drive speed and shot size control. Incorporating the same robust and proven metering and mixing principles as the original PAR 3, the advanced **PAR 3CE & PAR 3CTE** provide the perfect solution to many applications. In addition, the **PAR 3CE & PAR 3CTE** can also be interfaced with automated systems for fully or semi-automatic applications.

## STANDARD FEATURES

- Bench top machine with adjustable feet (PAR 3CE).
- Floor standing machine on castors for portability (PAR 3CTE)
- “Metered Shot” and “Operator Controlled” shot size selection
- Service indicator lamp

<b>Metering Pumps</b>	Single acting positive displacement, side-by-side metering
<b>Mixer Valve</b>	Pneumatically operated TSV601 Mixer Valve
<b>Ratio Range Capability</b>	1:1 to 14:1 (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. 1.2 ml up to 63 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 3CE: 6 ltr (1.58 gal) Stainless steel with silica gel moisture protection PAR 3CTE: 18 ltr (4.74 gal)

### 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
- 230V/50Hz or 110V/60Hz AC 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 3CTE
- 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