



PAR 4CE PAR 4CTE

The **PAR 4CE & PAR 4CTE** from METER MIX® are user-friendly, highly productive dispensing systems for two-part adhesives and resins. Materials can be processed with consistent stability. This is provided by the newly developed in-line drive mechanism (ILD) This ensures advanced flow rate and ratio control characteristics during the metering and mixing process. An added benefit is the electric servo drive speed and shot size control. The machines are optimally suited for different types of dispensing applications. Electronic potting applications are as feasible as casting, moulding or component bonding. Finally, it is possible to interface these machines with automated systems for providing a full or semi-automatic solution.

- 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

Metering Pumps	Single acting positive displacement
Mixer Valve	Pneumatically operated TSV601 Mixer Valve
Ratio Range Capability	1:1 to 24:1 (depending upon pumps selected)
Viscosity acceptance	Up to 500,000 mPa.s (depending upon material thixotropy)
Shot size	Available from approx. 2.5 ml up to 172 ml at a ratio of 1:1 by volume
Cycle Rate	up to 30 shots per minute (depending upon viscosity)
Mixing	Disposable Static
Reservoir Capacity	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
- 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 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