



PAR 4C PAR 4CT

The METER MIX® PAR 4C & PAR 4CT can be perfectly used as a 2-part epoxy dispenser for potting applications. The machines are a convincing and economical solution with a high degree of operator functionality. This guarantees robust and proven metering and mixing principles. Furthermore, this all-round model could be also used for the processing of other two component materials such as silicone or polyurethane in a wide range of applications. Specifically developed to incorporate the latest METER MIX® in-line drive mechanism (ILD), the PAR 4C & PAR 4CT machines provide reliable, advanced flow rate and ratio control characteristics during dispense, not normally associated with pneumatic machines.

STANDARD FEATURES

- Bench top machine with adjustable feet (PAR 4C)
- Floor standing machine on castors for portability (PAR 4CT)
- “Metered Shot” and “Operator Controlled” shot size selection
- Shot size adjuster with digital reference indicator
- 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 168 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 4C: 6 ltr (1.58 gal) PAR 4CT: 18 ltr (4.74 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.

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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 4CT
- 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