



PAR 3C PAR 3CT

The **METER MIX® PAR 3C** is the first choice for all applications around potting electronics. The **PAR 3C & PAR 3CT** are optimally suited for other applications as well, including casting, moulding or bonding. The machine can be up and running in a very short period of time and is easy to handle, whether for beginners or experts. Thanks to the specifically developed ILD (in-line drive mechanism), the metering and mixing process is characterised by excellent flow rate and ratio control characteristics. The ILD also ensures accurate dispensing of two component materials with high mixing ratios or vastly differing viscosities. Polyurethane, epoxy, silicone and methacrylate can be consistently processed. Fully or semi-automatic applications can also be realized with these machines.

STANDARD FEATURES

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

Metering Pumps	Single acting positive displacement
Ratio Range Capability	1:1 to 14:1 (depending upon pumps selected)
Viscosity acceptance	Up to 500,000 mPa.s (depending upon material thixotropy)
Shot size	Available from approx. 1.2 ml up to 63 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 3C: 6 ltr (1.58 gal) stainless steel with silica gel moisture protection PAR 3CT: 18 ltr (4.74 gal)

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 3CT
- 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