



PAR 4C PAR 4CT

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. 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 4C & PAR 4CT provide the perfect solution to many applications. In addition, the PAR 4C & PAR 4CT can also be interfaced with automated systems for fully or semi-automatic applications.

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
- 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 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