



PAR 30 PAR 30T

Specifically developed to process materials and applications requiring variable ratio functionality, the PAR 30 & PAR 30T machines incorporate reliable, proven technology in order to meter precise doses, or accurate beads of mixed product within a wide range of applications. The PAR 30 & PAR 30T machines also feature electric inverter drive motor control in order to provide precise control over material ratio, flow rate and shot size with the added benefit of continuous flow rate. Whether casting small scale intricate moulds using RIM technology or applying uninterrupted beads for LED lighting or gasket forming, these machines offer a reliable solution to many dispensing requirements. In addition, the PAR 30 & PAR 30T can also be interfaced with automated systems for fully or semi-automatic applications.

STANDARD FEATURES

- Bench mounted machine (PAR 30)
- Floor standing machine on castors for portability (PAR 30T)
- "Metered" or "Operator Controlled" shot size selection
- Service indicator lamp

Metering Pumps	Electric inverter driven gear pumps
Ratio Range Capability	1:1 to 100:1 (depending upon pumps selected)
Viscosity acceptance	Up to 500,000 mPa.s (when fitted with transfer pump/accumulator option)
Shot size	Available from approx. 1 ml upwards
Flow Rate	up to approx. 2.3 ltr/minute (depending upon viscosity)
Mixing	Disposable Static
Reservoir Capacity	6 ltr (1.58 gal) or 18 ltr (4.74 gal)

Controls

- Integrated PLC control with colour HMI touchscreen operator interface
- Flow rate adjustable via rotary potentiometer
- Air supply filter/regulator and gauge with connection check unit
- Main Off/On switch
- Emergency Stop & Reset Buttons
- Anti-gel automatic purge timer
- Either foot pedal, hand held trigger or remote 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 30T
- 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
- Ultra-high precision gear metering pumps
- Nitrogen purge facility to material reservoirs
- Vacuum degassing to material reservoirs.
- Rotary/Static disposable mixing option (electrically driven)
- Bulk feed transfer pump/accumulator facility directly from suppliers containers

TYPICAL APPLICATIONS

- Electronic Potting
- Casting
- Moulding
- Component Bonding
- LED Lighting

TYPICAL MATERIALS

- Polyurethane
- Epoxy
- Silicone