



PAR 30 PAR 30T

These 2K metering systems can process low to medium viscosity two component synthetic resins such as Epoxy, Polyurethane and Silicones. The PAR 30 & PAR 30T machines provide a beneficial “easy to handle” operation, which is nearly unrivalled in the upper middle class of the mixing, metering, and dispensing machine world. It’s proven gear pump technology, in combination with the touch panel operated PLC control guarantees precise and reliable dosing, whether you are working with small shot sizes or a 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.

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
- 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 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