



PAR 3CM

Specifically developed to incorporate the latest METER MIX® in-line drive mechanism (ILD), the **PAR 3CM** machine provides reliable, advanced flow rate and ratio control characteristics during dispense, not normally associated with pneumatic machines. The advanced **PAR 3CM** builds on the standard machine setup with the fitment of a “modular platform”. The **PAR 3CM** has been specifically designed and manufactured to incorporate a variety of options, which can be quickly and easily fitted, bringing benefits in flexibility and reduced build times. The machine is pre-programmed to accept a number of modularised features, like heating, agitation and level-sensing. This enables the user to add or remove functions by simple “plug-n-play” connections. Another benefit of this “modular” system is that retro-fitting options (maybe through a material change) can be simply added at a later stage. The **PAR 3CM** also incorporates the additional benefit of automatic shot size control. Whether dispensing 5g or 500g, the **PAR 3CM** will accurately dispense the required volume without the need for calculation.

STANDARD FEATURES

- Modular build to enable quick addition, or removal, of optional features
- Bench top machine with adjustable feet
- “Metered Shot” and “Operator Controlled” shot size selection
- Service indicator lamp

Metering Pumps	Single acting positive displacement
Mixer Valve	Pneumatically operated TSV602 Mixer Valve
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	6 lt stainless steel with silica gel moisture protection

Controls

- Integrated PLC control with 5” colour HMI touchscreen 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

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AVAILABLE OPTIONS

- 12 lt capacity reservoir sizes
- 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
- Castin
- Moulding
- Component Bonding
- Brush Setting

TYPICAL MATERIALS

- Polyurethane
- Epoxy
- Silicone