



PAR 20G PAR 200G

Specifically developed to process a wide range of high-viscosity material systems, the PAR 20G & PAR 200G 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 20G & PAR 200G machines incorporate twin follower seal plates which allows both materials to be dispensed directly from the supplier's containers. Both of these machines also feature electric inverter drive motor control in order to provide precise control over flow rate and shot size with the added benefit of continuous flow rate. In addition, the PAR 20G & PAR 200G machines can also be interfaced with automated systems for fully or semi-automatic applications.

STANDARD FEATURES

- Floor mounted machine (PAR 200G) on castors for portability (PAR 20G)
- "Metered" or "Operator Controlled" shot size selection
- Service indicator lamp

Metering Pumps	Electric inverter driven gear pumps (mounted to follower plates)
Mixer Valve	Pneumatically operated TSV601 Mixer Valve
Ratio Range Capability	1:1 to 100:1 (depending upon pumps selected)
Viscosity acceptance	Up to 1,000,000 mPa.s
Shot size	Available from approx. 2 ml upwards
Flow Rate	up to approx. 500 ml/minute (depending upon viscosity)
Mixing	Disposable Static
Drum/pail sizes	PAR 20G: 20lt (5.27 gal)
Drum/pail sizes	PAR 200G: 200/20 ltr (52.63/5.27 gal) PAR 200G-200: 200/200 ltr (52.63/52.63 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

- Digitally controlled heating to follower plates, pumps and hoses
- Electronic low-level sensing to both materials with visual and audible alarms
- Stainless steel wetted parts to protect against corrosion
- Hardened parts to protect against abrasion
- Swiveling boom assembly to support hand held mixer valve
- Rotary/Static disposable mixing option (electrically driven).

TYPICAL APPLICATIONS

- Component Bonding & Sealing.

TYPICAL MATERIALS

- Polyurethane
- Epoxy
- Silicone
- Methacrylate
- Polysulphide