



PAR 20G PAR 200G

The METER MIX® PAR 20G and 200G metering, mixing and dispensing machine was specially developed for component bonding and sealing applications. These dispensing machines process epoxy as well as other materials, e.g. polyurethane, silicone or polysulphide. One of their main characteristics is the wide range of high-viscosity material systems that can be very reliably metered. Precise doses or accurate beads can be metered with excellent repeatability. The twin follower seal plates process the materials directly from the original supplier's containers providing a clean, mess-free operation with little exposure to the materials. Both of these machines also feature independent electric inverter drive motor control in order to provide precise control over mixing ratio, flow rate and shot size with the added benefit of a continuous flow rate. Interface with automated systems for fully or semi-automatic applications is also possible.

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
- 230V/50Hz or 110V/60Hz AC 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