



PAR 20 PAR 20C/20CE

Specifically developed to process a wide range of high-viscosity material systems, the PAR 20 & PAR 20C 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 20 machine incorporates a follower seal plate for the major component and a gravity feed reservoir for the minor component, enabling the machine to process a mix of high-viscosity and low-viscosity resins, sealants and adhesives. The PAR 20C machine incorporates twin follower seal plates which allows both materials to be dispensed directly from the supplier's containers. The PAR 20 & PAR 20C machines also features the latest METER MIX® in-line drive mechanism (ILD). ILD also assists the accurate and consistent processing of materials with high mix ratios or vastly differing viscosities. In addition, these machines can also be interfaced with automated systems for fully or semi-automatic applications.

STANDARD FEATURES

- Floor mounted machine with castors for portability
- "Operator Controlled" shot size selection
- Service indicator lamp

Metering Pumps	Single acting positive displacement
Mixer Valve	Pneumatically operated TSV601 Mixer Valve
Ratio Range Capability	1:1 to 12:1 (depending upon pumps selected)
Viscosity acceptance	Up to 1,500,000 mPa.s
Shot size	Available from approx. 11 ml up to 108 ml at 10:1 volumetric ratio
Cycle Rate	up to 15 shots per minute (depending upon viscosity)
Mixing	Disposable Static
Major component drum/pail size	typically approx. 20 ltr (5.27 gal) / 25 ltr (6.58 gal) (depending upon drum dimensions)
Minor component reservoir size	PAR 20: 18 ltr (4.74 gal) stainless steel
Minor component drum/pail size	PAR 20C: approx. 20 ltr (5.27 gal)

Controls

- Integrated PLC control with HMI 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
- 230vAC electric supply + compressed air @ 80 p.s.i.

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AVAILABLE OPTIONS

- Shot size adjuster with digital reference indicator
- Digitally controlled heating to follower plate, reservoir, 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)
- Available with dual independent servo drive system for precise flow rate control and variable ratio feature (PAR 20 CE)

TYPICAL APPLICATIONS

- Component Bonding & Sealing
- Insulated Glazing
- Structural Glazing
- Moulding

TYPICAL MATERIALS

- Polyurethane
- Epoxy
- Silicone
- Methacrylate
- Polysulphide