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PasteFlow

PasteFlow 20

High-level machine for dispensing beads of high-viscosity material directly from 20 lt drums



The PasteFlow 20 is a high-level metering and mixing system for applications with continuous material flow. The machine was specially developed for bonding and sealing components by utilizing high-precision gear pumps. The machine is perfect for dispensing beads of high-viscosity material directly from 20 lt drums via twin follower seal plates, providing a clean, mess-free operation with little exposure to the materials. The system can be manually controlled, or dispensed via a

robotic XYZ applicator. With the PasteFlow 20, precise doses or accurate beads can be metered with excellent repeatability, based on different materials:

- Epoxy
- Polyurethane
- Silicone
- Polysulphide
- Methacrylate

TECHNICAL DATA

Ratio range capability	1:1 to 30:1 (depending upon pumps selected)
Viscosity acceptance	Up to 1,500,000 mPas
Shot size	Typically available from approx. 2 ml upwards
Flow Rate	Up to approx. 500 ml/min (depending upon viscosity)
Mixing	Disposable Static or Rotary/Static
Drum/Pail sizes	20 lt / 20 lt (5 gal / 5 gal)
Electric supply	230 V / 50 Hz or 110 V / 60 Hz AC
Compressed air	80 p.s.i.

TYPICAL APPLICATIONS

- Component bonding
- Sealant dispensing

YOUR BENEFITS

- Suitable for processing pasty materials directly from suppliers containers
- Continuous flow
- Pulsation-free dispensing
- Variable mixing ratio
- Quiet operation
- Accurate flow-rate control

STANDARD FEATURES

- Mixer Valve: Pneumatically operated TSV601
- "Metered" or "Operator Controlled" shot size selection
- Service indicator LED
- 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
 - Anti-gel automatic purge timer
 - Either foot pedal, hand held trigger or remote start options 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
- Swivelling boom assembly to support hand held mixer valve
- Rotary/Static disposable mixing option (electrically driven) – depending upon material viscosity
- Remote variable speed flow rate control

CONTACT US:

meter-mix.com/contacts