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LiquidShot

LiquidShot 5

Piston pump technology for large applications typically dispensing between 100 to 250 ml per shot



The LiquidShot 5 metering and mixing machine offers a reliable and economic solution for a wide range of resin dispensing applications, especially electronic potting. This machine exhibits a high degree of efficiency, accompanied by a portable floor mounted design. Proven piston pump technology allows for large shot applications typically dispensing between 100 to 250 ml per shot. High mixing ratios or large

differences in viscosities are processed perfectly and efficiently through this machine. The LiquidShot 5 is able to process the following materials:

- Polyurethane
- Epoxy
- Silicone

TECHNICAL DATA

Ratio range capability	1:1 to 20:1 (depending upon pumps selected)
Viscosity acceptance	Up to 500,000 mPas (depending upon material thixotropy)
Shot size	Available from approx. 20 ml up to 235 ml
Cycle rate	Up to 30 shots per minute (depending upon viscosity)
Mixing	Disposable Static or Rotary/Static
Reservoir capacity	30 lt (7,9 gal) stainless steel with silica gel moisture protection
Electric supply	230 V / 50 Hz or 110 V / 60 Hz AC
Compressed air	80 p.s.i.

TYPICAL APPLICATIONS

- Electronic potting
- Casting
- Moulding
- Component bonding
- Filter encapsulation

YOUR BENEFITS

- Suitable for larger shot sizes
- Portable trolley frame
- Precise volumetric metered shots
- Easily adjustable flow-rate control
- Suitable for processing filled/abrasive materials (when fitted with hardened parts)

STANDARD FEATURES

- Mixer Valve: Pneumatically operated TSV601
- "Metered Shot" and "Operator Controlled" shot size selection
- Shot size adjuster with digital reference indicator
- Service indicator LED
- Controls:
 - Integrated PLC control with HMI operator interface
 - Dispense pressure regulator and gauge
 - Air supply filter/regulator and gauge with connection check unit
 - Anti-gel automatic purge timer
 - Shot counter/repeater unit for multiple shot applications
 - Either foot pedal or hand held trigger start options available

OPTIONS

- 6 lt (1,58 gal), 12 lt (3,16 gal), and 18 lt (4,74 gal) 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

CONTACT US:

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