



A MEMBER OF THE  
HILGER&KERN GROUP

## PasteShot

### PasteShot 20

Machine for dispensing small-medium shot sizes typically between 5 to 120 ml of high-viscosity material directly from 20 lt drums



The PasteShot 20 metering and mixing machine was developed primarily for dispensing small to medium shots in bonding, sealing and cartridge filling applications. It is suited for shot sizes typically 5 ml to 135 ml (depending upon ratio) of high-viscosity materials which can be fed directly from 20 lt drums. The machine can be utilized for direct dispensing onto components, or into cartridges for manual

applications. Reliable piston pumps ensure an accurate and consistent processing of materials with high mix ratios or vastly differing viscosities:

- Epoxy
- Polyurethane
- Silicone
- Methacrylate

#### TECHNICAL DATA

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 or Rotary/Static
Major component drum/pail size	Typically approx. 20 lt (5 gal) (depending upon drum dimensions)
Minor component reservoir size	18 lt (4,74 gal) stainless steel
Minor component drum/pail size	approx. 20 lt (5 gal)
Electric supply	230 V / 50 Hz or 110 V / 60 Hz AC
Compressed air	80 p.s.i.

## TYPICAL APPLICATIONS

- Component bonding and sealing
- Cartridge/Syringe filling

## YOUR BENEFITS

- Precise metered shot sizes achievable
- Reliable and robust operation
- Suitable for processing abrasive media (when fitted with hardened parts)

## STANDARD FEATURES

- Mixer Valve: Pneumatically operated TSV601 or AST6001 1k Valve
- "Metered" or "Operator Controlled" shot size selection
- Service indicator LED
- Controls:
  - Integrated PLC control with HMI operator interface
  - Manual shot size adjuster with digital reference indicator on PasteShot 20F
  - 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

- Shot size adjuster with digital reference indicator on PasteShot 20A and 20C
- 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
- Swivelling boom assembly to support hand held mixer valve
- Rotary/Static disposable mixing option (electrically driven) – depending upon material viscosity
- Available with dual independent servo drive system for precise flow rate control and variable ratio feature on PasteShot 20CE

## VERSIONS



Floor mounted portable 20 Lt + tank pneumatic in-line drive piston pump  
[PasteShot 20A](#)



Floor mounted portable 20 Lt + 20 Lt pneumatic in-line drive piston pump  
[PasteShot 20C](#)



Floor mounted portable 20 Lt + 20 Lt electric drive piston pump  
[PasteShot 20CE](#)



Floor mounted portable 20 Lt pneumatic drive 1k piston pump  
[PasteShot 20F](#)

## CONTACT US:

[meter-mix.com/contacts](http://meter-mix.com/contacts)