

Model 500-20

Micro Roto-Ratio/Electric

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General Description:

This version of rotary metering is small enough to mount on a robot arm, bringing precision metering to a new level. Featuring our M-3900 series pumps and a servo motor drive, this unit is ideal for small precision beads. Since the Model 500-20 is mounted close to the work piece, it is possible to make rapid flow rate changes during the application. It is designed for smaller volumes, but can achieve flow rates as high as 1 lb/min with up to 3000 psi material pressure.

Features:

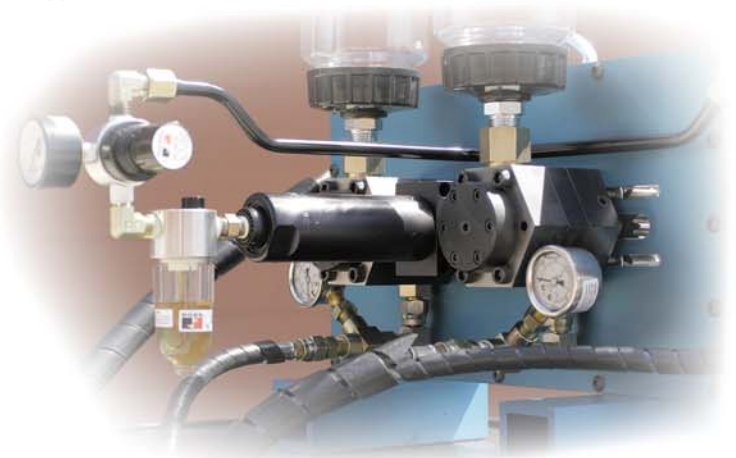
- Positive displacement Gerotor pumps
- All air operated gun
- Light weight Aluminum frame
- Closed loop servo gear motor drive
- Fully programmable flow rates
- Ratios adjustable 1:1 to 4:1 (simple gear change)
- Low maintenance - few moving parts
- 5 Gallon supply transfer pumps
- Pressure gauges allow quick troubleshooting
- Safety rupture discs protect equipment
- Protective guarding

Specifications:

- Dimensions: 13" x 16" x 10" (Meter only)
- Dimensions: 8" x 24" x 24" (Remote mount Control Panel)
- 10 SCFM @60-80 PSI required
- Flow rates to 2.5 lbs/min (depending on material viscosity)
- Voltage requirement 120 Volts, Single Phase

Options:

- 55 Gallon Supply Pump System
- Crossover systems for supply
- Pressure transducers
- Flow Meters



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