Model 1201-30 Hydraulically Driven Rod Displacement Meter

General Description:

The Model 1201-30 Hydraulically Driven Rod Displacement Meter offers precision as well as flexibility and is especially suited to dispensing high viscosity or heavily filled, single component materials. The power of the hydraulic drive unit makes it the best choice for extreme material viscosities and high pressure applications. The Model 1201-30 system is fully portable and features air-operated inlet and outlet valves and a high precision displacement rod up to 3” diameter to guarantee accurate shot sizes. The multiple rod and seal cartridge sizes insure we can match any flow rate or shot size you need. The reliable hydraulic drive and Allen Bradley control system make this product suitable for manual or robotic applications.

Features:

- Positive displacement (Hardened-coated Rod)
- Wet Seal design rod cartridge designed so seal replacement is easy
- Many Seal options available
- Allen Bradley control system
- Manual or Automatic operation (Robot interface)
- M-1640 Series Air-operated dispense gun
- M-4000 series, air-operated needle valve for inlet
- Gauges to monitor the inlet and outlet pressures
- Pressure and Temperature compensated flow control for accurate bead size
- Portable system is mounted on a cart
- Guided cylinder rod to eliminate lead/lag problems
- 3000 psi maximum material pressure
- Material Regulators to insure refill pressure
- Robust design to handle plant environment

Sizes:

- Model 1201-30 – Up to 3” diameter rods (70 cubic inch displacement)

Options:

- Material Transfer supply pumps
- Boom to carry hoses and controls
- Material Temperature control
- Pressure Transducers to monitor system pressures
- Flow meters to monitor output
- Electronic control to adjust flow rates

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