

Model 1501-30

Displacement Meter/Electric Driven Rod

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General Description:

The 1501-30 Electric Driven Rod Displacement Meter offers precision as well as flexibility. Designed to accurately dispense high viscosity or heavily filled, single component materials. The Model 1501-30 system is fully portable, features air-operated inlet and outlet valves and a high precision displacement rod up to 3" diameter to guarantee accurate shot sizes. The multiple rods and seal cartridge sizes insure our design can match any flow rate or shot size required. The precise electric drive with an Allen Bradley control system make this the perfect unit for automatic dispensing 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
- Electronic flow rate control
- 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

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

Sizes:

- Model 1501-30 – Up to 3" diameter rod (70 cubic inch displacement)



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