

Model 1500-30

Rod Displacement Meters/Electric

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General Description:

The 1500-30 Electric Driven Rod Displacement Meter offers precision as well as flexibility while dispensing high viscosity or heavily filled materials. The Model 1500-30 system is fully portable and features air operated inlet and outlet valves with high precision displacement rods to guarantee accurate ratio control. The multiple combinations of rods and seal cartridges insure the design can match any flow rate or ratio required. The precision electric drive with an Allen Bradley control system, make this the perfect unit for automatic dispensing or robotic applications. High viscosity, High volume, two component dispense system

Features:

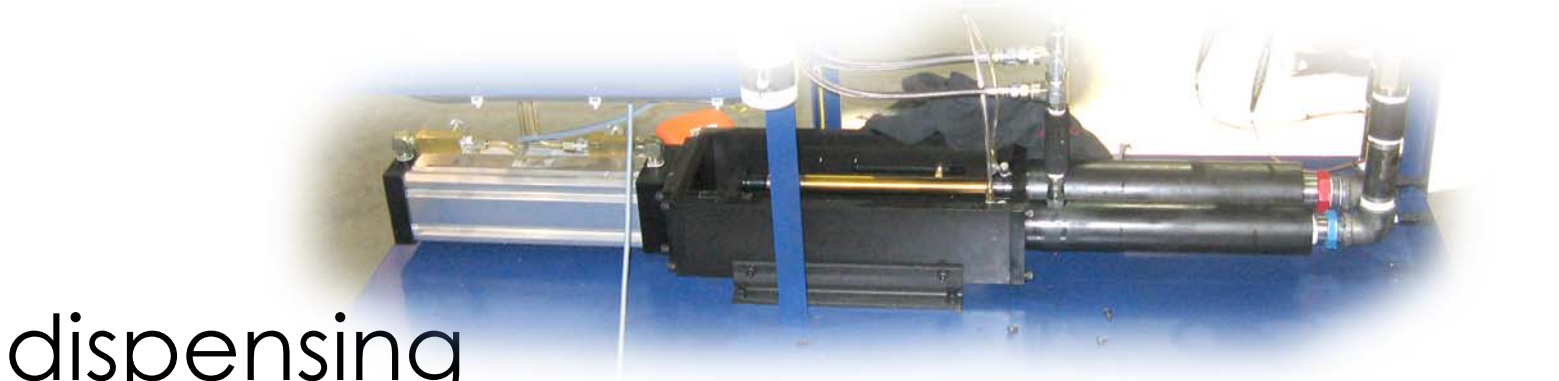
- Positive displacement (Hardened-coated Rods)
- Wet Seal design rod cartridges designed so seal replacement is easy
- Many Seal options available
- Allen Bradley control system
- Manual or Automatic operation (Robot interface)
- M-830 Series Air-operated dispense gun
- M-4000 series, air-operated needle valves for inlet and outlets
- 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
- Ratios from 1:1 to 10:1
- 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 and ratio

Sizes:

- Model 1530 – Up to 3" diameter rods (140 cubic inch displacement @ 1:1 volume ratio)



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