

# One Part Dispensing

## RotoMeter-H Series Meters

### RotoMeter-H1



The RotoMeter-H1 is driven by a dependable hydraulic motor to bring process control to low volume applications. Completely portable and using the H series pumps, the RotoMeter-H1 is capable of generating flow rates up to 2.5 lbs/min. The RotorMeter-H1 is suitable for either manual or robotic operations dispensing low viscosity sealants to windshield adhesives.

### RotoMeter-H5



The RotoMeter-H5 is driven by a dependable hydraulic motor to bring process control to high volume applications. Completely portable and using the H series pumps, the RotoMeter-H5 is capable of generating flow rates up to 5 lbs/min. The Model RotoMeter-H5 is suitable for either manual or robotic operations dispensing high viscosity windshield adhesives.

## 501 Series Rotary Meters/Electric

### Model 501-01 Rotary Meter/Electric



EMC<sup>2</sup>'s Model 501-01 metering unit offers the finest option for robotic application of any single component material. Fast and accurate, the Model 501-01 features an electric motor driven gearbox to rotate the Gerotor dispensing pump. The motor is controlled using a Variable Frequency Drive, allowing an almost infinite number of dispensing rates. The Model 501-01 Dispenser uses the same technology as our production-proven metering systems used all over the world. This unit is designed to bring consistency, dependability and long-term functionality to your operation and has become the system of choice for windshield adhesive applications.

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## 501 Series Rotary Meters/Electric

### Model 501-06 Robot Wrist Mount Servo Meter



EMC<sup>2</sup>'s Model 501-06 metering unit offers the finest option for close tolerance, robotic application of any single component material. Fast and accurate, the Model 501-06 uses an electric servo motor driven gearbox to rotate the "B" Gerotor dispensing pump. This pump is close-coupled to the dispense valve and mounted directly on the robot wrist. With the metering unit this close to the part, it is unbeatable for accuracy and repeatability. The Model 501-06 dispenser uses the same technology as our production-proven metering systems used all over the world. This unit is designed to bring consistency, dependability and long-term functionality to your operation.

### Model 501-07 Robot Mount Servo Meter for UV Products



EMC<sup>2</sup>'s Model 501-07 metering unit is designed specifically for UV product dispensing. Fast and accurate, the Model 501-07 uses an electric servo motor driven gearbox to rotate the stainless steel "B" Gerotor dispensing pump. This pump package can be mounted on the robot arm and hoses to the dispense valve mounted directly on the robot wrist. Because the meter is remote, the smaller package is wrist mounted, allowing the robot to access tighter spaces. The Model 501-07 dispenser uses the same technology as our production proven metering systems used all over the world. This unit is designed to bring consistency, dependability and long-term functionality to your operation.

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## 1101 Series Displacement Meters/Air Driven Rod

### Model 1101-05 Displacement Meters/Air Driven Rod



The EMC<sup>2</sup> Model 1101-05 Shot-Dispense Gun (Formerly M6100) is designed to accurately dispense small drops of most single component adhesives. The unit has been designed to be mounted directly on a robot and use the robot outputs & logic controller to function. The simplicity of this design makes it especially reliable and easy to maintain while not compromising on useful features or quality. To keep the package simple, the design uses a standard M-4200 inlet valve, our M-1640 single component dispense gun and a modified version of the inlet valve to do the metering. The results are nothing less than consistent, repeatable shots.

## 1201 Series Displacement Meters/Hydraulic Driven Rod

### Model 1201-10 Displacement Meter/Hydraulic Driven Rod



The 1201-10 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 1201-10 system is fully portable and features air-operated inlet and outlet valves and a high precision displacement rod up to 1" 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.

### Model 1201-20 Displacement Meter/Hydraulic Driven Rod



The 1201-20 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 1201-20 system is fully portable and features air-operated inlet and outlet valves and a high precision displacement rod up to 2" 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.

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### Model 1201-30 Displacement Meter/Hydraulic Driven Rod



The 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.

## 1501 Series Displacement Meters/Electric Driven Rod

### Model 1501-10 Displacement Meter/Electric Driven Rod



The 1501-10 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 1501-10 system is fully portable, features air-operated inlet and outlet valves with a high precision displacement rod up to 1" diameter to guarantee accurate shot sizes. The multiple rod 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.

### Model 1501-20 Displacement Meter/Electric Driven Rod



The 1501-20 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 1501-20 system is fully portable, features air-operated inlet and outlet valves with a high precision displacement rod up to 2" diameter to guarantee accurate shot sizes. The multiple rod 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.

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# 1501 Series Displacement Meters/Electric Driven Rod

## Model 1501-30 Displacement Meter/Electric Driven Rod



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 with 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.

## RDS-E Series Meters/Rod Displacement Meter

### RDS-E Rod Displacement Meter



The RDS-E Electric Driven Rod Displacement Meter offers precision as well as flexibility. Designed to accurately dispense high viscosity or heavily filled, single component materials. The RDS-E Meter System features a non coupled rod that allows for a first in, first out material flow and reduces air traps in the meter and prevents pack-out of material. The inlet and outlet valves with zero cavity shut-off and high precision displacement rod are used guarantee accurate and clean shot sizes. The multiple rod and seal cartridge sizes insure our design can match any flow rate or shot size requirement. The precise electric drive with a PLC based or Customer integrated controls make this a perfect unit for automatic dispensing or robotic applications.

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