

Two Part Dispensing

100 Series Rotary Meters/Air

Model 100-01 Rotary Meter/Air



Compact and portable, the Model 100-01 (Formerly M100) is completely air driven. No electrical connections are required for this unit. The Model 100-01 is ideal for general purpose applications or in hazardous environments such as explosive atmospheres where electrical operations are to be kept at a minimum. This model can also achieve flow rates as high as 3 lbs/min with up to 3000 psi material pressure, used exclusively for manual dispensing.

Model 100-05 Rotary Meter/Air



Economical, compact and portable, the Model 100-05 (Formerly M100MM) is completely air driven and controlled. No electrical connections are required for this unit. This is a less expensive and more compact version of our legendary Model 100-01. This unit is ideal for general purpose applications or in hazardous environments such as explosive atmospheres where electrical operations are to be kept at a minimum. This model can achieve flow rates as high as 3 lbs/min with up to 3000 psi material pressure, used exclusively for manual dispensing.

Model 100-10 Rotary Meter for Methacrylates/Air



Economical, compact and portable, the Model 100-10 (Formerly M100MMS) is completely air driven. This unit is designed specifically to pump methacrylate adhesives at ratios from 1:1 to 10:1 and can achieve flow rates as high as 3 lbs/min with up to 3000 psi material pressure. This air driven unit is also ideal for use in hazardous environments and explosive atmospheres. The Model 100-10 is used exclusively in manual applications.

EMC 2 INC.

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Two Part Dispensing

200 Series Rotary Meters/Hydraulic

Model 200-01 Rotary Meter/Hydraulic



The Model 201-01 is driven by a dependable hydraulic motor to bring process control to low volume applications. Completely portable and using the M-6500 series pumps, the Model 201 is capable of generating flow rates up to 2.5 lbs/min. The Model 201-01 is suitable for either manual or robotic operations dispensing low viscosity sealants to windshield adhesives.

Model 200-05 Rotary Meter/Hydraulic



The Model 201-05 is driven by a dependable hydraulic motor to bring process control to high volume applications. Completely portable and using the M-6500 series pumps, the Model 201 is capable of generating flow rates up to 5 lbs/min. The Model 201-05 is suitable for either manual or robotic operations dispensing high viscosity windshield adhesives.

300 Series Rotary Meters/Hydraulic/Electronic Control

Model 300-01 Rotary Meters/Hydraulic/Electronic Control



By allowing both digital and analog control of dispensing rates, the EMC 2's Model 300-01 brings the consistency and versatility of two component systems, to robotic applications. Featuring powerful hydraulic drive and positive displacement pumps, the Model 300-01 will match your robot's fastest speed or slow the dispensing rate when necessary (i.e. around corners), providing a consistent material bead size. In the digital mode, the model 200/300 has four discreet flow rates. Each adjustable 0-100% or 0-10 volts DC input permits a continuously variable flow rate in the analog mode.

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500 Series Rotary Meters/Electric

Model 500-05 Rotary Meter/Electric



Economical, compact and portable, the Model 500-05 (Formerly M500MM) is electric driven. This unit is ideal for general purpose applications. The 500-05 can achieve flow rates as high as 3 lbs/min with up to 3000 psi material pressure. The electric drive makes it ideal for precision dispensing in manual, automatic or robotic applications.

Model 500-10 Rotary Meter for Methacrylates/Electric



Economical, compact and portable, the Model 500-10 (Formerly M500MMS) is electric driven. This unit is designed specifically to pump methacrylate adhesives at ratios from 1:1 to 10:1 and can achieve flow rates as high as 3 lbs/min with up to 3000 psi material pressure. The electric drive makes it ideal for precision dispensing in manual, automatic or robotic applications.

Model 500-20 Micro Roto-Ratio/Electric



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.

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Model 550-01 Electronic Controlled Rotary Meters/Electric



This feature that makes this unit unique among the 500 series meters is the separate motor control for each pump. This feature allows both ratio and flow to be controlled electronically. The metering pumps push material through precision flow meters which send a feedback signal to the controller, maintaining ratio and flow based on an input voltage from a robot or auxiliary controller. This system is designed for automatic dispensing or robotic applications.

1100 Series Rod Displacement Meters/Air

Model 1100-01 Rod Displacement Meter/Air



The 1100-01 Air Driven Rod Displacement Meter offers precision "shots" of material, especially high viscosity or heavily filled materials. The Model 1100-01 system is fully portable, featuring air-operated inlet and outlet valves with high precision displacement rods to guarantee accurate ratio control. The compact design is ideal for pedestal mounting and foot valve actuation to allow hands free operation. This unit is often used in repair applications, replacing manual hand mixing of adhesives.

1200 Series Rod Displacement Meters/Hydraulic

Model 1200-02 Modeling Paste Systems



EMC²'s unique approach to metering, featuring two supply pumps with equal displacement, synchronized hydraulically to perform the metering task. This unit offers versatility and precision for a broad range of two component modeling paste formulations. The hydraulic drive unit is sized to allow problem free changes with modeling paste products of different viscosities and filler types. The Modeling Paste Dispenser has a similar design to 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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Two Part Dispensing

Model 1200-10 Rod Displacement Meter/Hydraulic



The 1200-10 Hydraulic Driven Rod Displacement Meter offers precision as well as flexibility, designed for dispensing high viscosity or heavily filled materials. The Model 1200-10 system is fully portable, featuring air operated inlet and outlet valves with high precision displacement rods up to 1" in diameter 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 reliable hydraulic drive, with an Allen Bradley control system, makes this the perfect unit for manual or robotic applications.

Model 1200-20 Rod Displacement Meter/Hydraulic



The 1200-20 Hydraulic Driven Rod Displacement Meter offers precision as well as flexibility, designed for dispensing high viscosity or heavily filled materials. The Model 1200-20 system is fully portable, featuring air operated inlet and outlet valves with high precision displacement rods up to 2" in diameter 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 reliable hydraulic drive, with an Allen Bradley control system, makes this the perfect unit for manual or robotic applications.

Model 1200-30 Rod Displacement Meter/Hydraulic



The 1200-30 Hydraulic Driven Rod Displacement Meter offers precision as well as flexibility, designed for dispensing high viscosity or heavily filled materials. The Model 1200-30 system is fully portable, featuring air operated inlet and outlet valves with high precision displacement rods up to 3" in diameter 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 reliable hydraulic drive, with an Allen Bradley control system, makes this the perfect unit for manual or robotic applications.

Model 1200-50 Piston Meters/Hydraulic



The 1200-50 Hydraulic Driven Piston Meter is especially suited to dispense low viscosity materials such as Polyurea or Urethane Foams. The reciprocating drive cylinder controls the flow rate as well as pressure. The metering cylinders pump material in both directions allowing continuous dispensing operation. The Model 1200-50 utilizes a modular design, allowing quick change service of the displacement cylinders and minimizes downtime. The reliable hydraulic drive, with an Allen Bradley control system, makes this the perfect unit for manual or automated dispensing applications.

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1500 Series Rod Displacement Meters/Electric

Model 1500-10 Rod Displacement Meters/Electric



The 1500-10 Electric Driven Rod Displacement Meter offers precision as well as flexibility while dispensing high viscosity or heavily filled materials. The Model 1500-10 system is fully portable and features air operated inlet and outlet valves with high precision displacement rods up to 1" diameter 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.

Model 1500-20 Rod Displacement Meters/Electric



The 1500-20 Electric Driven Rod Displacement Meter offers precision as well as flexibility while dispensing high viscosity or heavily filled materials. The Model 1500-20 system is fully portable and features air operated inlet and outlet valves with high precision displacement rods up to 2" diameter 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.

Model 1500-30 Rod Displacement Meters/Electric



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 up to 3" diameter 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.

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