

# Model 501-07

## Rotary Meter/Electric

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#### General Description:

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.

#### Features:

- Positive displacement M-3900 Series Gerotor pump
- Remote mounted, air operated gun
- Closed loop servo gearmotor drive
- Gearmotor/Pump bracket with mounting holes
- Remote mount electrical control panel
- 25' cables from the panel to the meter
- Fully programmable flow rates
- Low maintenance - few moving parts
- 5 Gallon supply transfer pumps
- Pressure gauge allow quick troubleshooting
- Safety rupture disc protects equipment
- Protective guarding

#### Specifications:

- Dimensions: 4" x 4" x 14" (Meter only)
- Dimensions: 8" x 24" x 24" (Remote mount Control Panel)
- 10 SCFM @60-80 PSI required
- Flow rates to 1 lbs/min (depending on material viscosity)
- Voltage requirement 120 Volts, Single Phase

#### Options:

- 55 Gallon Supply Pump System
- Crossover systems for supply
- Pressure transducers
- Flow Meters
- Optional voltages (240, 480-3 phase)



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