



**Up to
20 gpm**
(76 lpm)

Low-Flow and High-Flow Manual Meters

Building on the heritage of Graco's first electronic meter, the EM Series features a robust design at an affordable price. Weather-rated and shock-resistant construction protects the electronics from intense high-pressure cleaning and mechanical vibration common in industrial applications.

Twist-Close Nozzle Prevents Leaking

Multiple extensions available including rigid, flexible and gear lube.

High-Flow Rates

Capable of up to 20 gpm.

Long Battery Life

Features upgraded electronics and easily replaceable AAA batteries.

Prevent Accidental Dispenes

Easy-to-hold locking handle.

Proven in Harsh Conditions

Sealed electronics (IP69K) are protected against direct pressure washing and dust.

Legacy Valve

1/2 and 3/4 inch inlets, compatible with oil, ATF, anti-freeze and gear lube.



Typical Applications

- Automotive dealerships
- Service and fast lube centers
- Lube trucks
- Mining
- Heavy-duty dealerships
- Fleet service facilities
- In-plant

Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Anti-freeze

Technical Specifications






| | EM8 | EM20 |
|-----------------------------|---|-----------------------------------|
| Flow Range | 0.25 to 8 gpm (0.95 to 30.3 lpm) | 0.25 to 20 gpm (0.95 to 75.7 lpm) |
| Maximum Operating Pressure | 1,500 psi (102 bar) | |
| Unit of Measure | Quarts, gallons, pints, liters | |
| Accuracy/Repeatability | ±0.5% | |
| Inlet | 1/2 NPT | 1/2 NPT or 3/4 NPT |
| Outlet | 3/4 straight thread O-ring boss | 7/8 straight thread O-ring boss |
| Maximum Totalizer | 19,999 units | |
| Maximum Recorded Dispense | 19,999 units | |
| Operating Temperature Range | -22°F to 180°F (-30°C to 82°C) | |
| Storage Temperature Range | -40°F to 185°F (-40°C to 85°C) | |
| Outdoor Use | Yes – IP69k as per DIN 40050-9 | |
| Battery | 2 (AAA) alkaline or 2 (AAA) lithium | |
| Wetted Parts | Aluminum, stainless steel, carbon steel, acetal, nitrile rubber, Geolast™ | |
| Meter Pressure Loss* | 30 psi @ 6 gpm | 85 psi @ 12 gpm |
| Dimensions | 13 in L x 3.5 in W x 5.25 in H (33 cm L x 9 cm W x 13.3 cm H) | |
| Weight | 3 lbs (1.36 kg) | 3.1 lbs (1.39 kg) |
| Warranty | Five years overall, three years electronics and 1 year wear parts | |
| Instruction Manual | 3A5588 | |

* Tested in 10W oil at 70°F (21°C). Flow rate varies with fluid pressure, temperature, viscosity, inlet fitting size and nozzle type. Geolast is a registered trademark of Advanced Elastomer Systems.



EM Series™ Electronic Manual Dispense Meters

Ordering Information

| | | Extension | Inlet in (mm) | Part Number |
|------|---|-----------|---------------|-------------|
| EM8 |  | Flexible | 1/2 (13) | 25C904 |
| |  | Rigid | | 25C903 |
| |  | Gear | | 25C905 |
| EM20 |  | Flexible | 1/2 (13) | 25C915 |
| | | | 3/4 (19) | 25C918 |
| |  | Rigid | 1/2 (13) | 25C916 |
| | | | 3/4 (19) | 25C919 |

Oil Dispense Meters and Control Valves