EM® Series Electronic Manual Dispense Meters

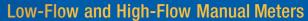












Building on the heritage of Graco's first electronic meter, the EM Series features a robust design at an affordable price. Our legacy valve handle features a long-life valve design for years of dependable service. These meters are weather-rated and impact-resistant to withstand the harshest shop conditions.

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 Dispenses

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, antifreeze 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)
- Antifreeze

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	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 p	per DIN 40050-9		
Battery	2 (AAA) alkaline o	or 2 (AAA) lithium		
Wetted Parts	Aluminum, stainless steel, carbon s	teel, 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		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	3A5	588		

^{*} 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.













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>>> Ordering Information

		Extension	Inlet in (mm)	Nozzle Type	Part Number
		Flexible		Non-drip, manual open/close	25C904
		TIGAIDIG	1/2 (13)	Automatic, non-drip, quick-close	26C526
EM8	8	Rigid		Non-drip, manual open/close	25C903
6		riigid		Automatic, non-drip, quick-close	26C525
		Gear		Non-drip, quick-close	25C905
	120	Flexible	1/2 (13)	High-flow, non-drip, quick-close	25C915
EM20			3/4 (19)	riigir ilow, iloii drip, qulok close	25C918
EW.		Rigid	1/2 (13)	High-flow, non-drip, quick-close	25C916
	riigiu	3/4 (19)	riigii ilow, iloii diip, quiok dodd	25C919	

		Inlet in (mm)	Part Number
EM8		1/2 (13)	25D433
120	EM20	1/2 (13)	25D436
EM		3/4 (19)	25D437



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>>> Ordering Information

Nozzle and Extension Kits

	Extension	Fluid	Nozzle Description	Part Number	Compatible Meters
1			Non-drip, manual open/close	26C267	EM8
	Rigid	Oil	Automatic, non-drip, quick-close	255852	EM8
			Non-drip, quick-close	255921	EM20
N .	Rigid	Gear lube	Non-drip, quick-close	255854	EM8
			Non-drip, manual open/close	26C268	EM8
11	Flexible	Oil	Automatic, non-drip, quick-close	255853	EM8
			Non-drip, quick-close	255859	EM20
	Nozzle Only	Oil/Antifreeze	Non-drip, manual open/close	17T207	EM8
	Nozzle Only	Oil/Antifreeze	Non-drip, quick-close	255793	EM20
45	Nozzle Only	Gear lube	Non-drip, quick-close	255470	EM8
	Flexible	Oil/Antifreeze	Extension only, 2 ft length	131733	EM8

Hose Identification WrapsVinyl hose wrap for easy identification of meter fluid.

	Part Number	Description
O GRACO	17S659	Red
O GRACO	17S660	Blue
O GRACO	17S661	Green
O GRACO	17S662	Yellow
O GRACO	17S663	White

Accessories

Part Number	Description			
25D934	Electronic control replacement			
129876	Black impact guard for EM8 or EM20			
25D936	Battery kit: includes AAA batteries, Torx screws and bezel seal			
100896	3/4 NPT(M) x 1/2 NPT(F) adapter			

