

EM Series™ Electronic Manual Dispense Meters

Designed for the Harshest Environments



Low- 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 impact-resistant construction protects the electronics from intense, high-pressure cleaning and mechanical vibration common in industrial applications.

EM Series™ Electronic Manual Dispense Meters

EM Series handheld and in-line meters are designed to last – from small service centers and lubrication trucks to heavy-duty repair facilities. Choose from 8 or 20 gpm (30.3 to 75.7 lpm) hand-held models or our 20 gpm (75.7 lpm) in-line meter. Graco's EM Series meters are backed by our robust warranty and feature upgraded electronics and easy-to-read LCD with simple operator controls that measures in quarts, gallons, pints and liters.



Proven in Harsh Conditions

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

Long Battery Life

Features upgraded electronics and easily replaceable AAA batteries.

Twist-Close Nozzle Prevents Leaking

Multiple extensions available including rigid, flexible and gear lube.

High-Flow Rates

Capable of up to 20 gpm.

Legacy Valve

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

Prevent Accidental Dispenes

Easy-to-hold locking handle.

Ordering Information

	Extension	Inlet in (mm)	Part Number		
			NPT	BSPT	BSPP
EM8	Flexible	1/2 (13)	25C904	25C912	25C908
	Rigid		25C903	25C911	25C907
	Gear		25C905	25C913	25C909
EM20	Flexible	1/2 (13)	25C915	25C921	25C924
		3/4 (19)	25C918	25C927	25C930
	Rigid	1/2 (13)	25C916	25C922	25C925
		3/4 (19)	25C919	25C928	25C931

EM Series™ IM In-Line Electronic Meter

Easy-to-Read LCD

Simple operator control. Measures in quarts, gallons, pints and liters.

Easy Battery Replacement

Long-lasting, replaceable AAA batteries.



Sealed Electronics

IP69K-rated meter. Electronics are safe from pressure washing and dusty environments.

Easily Track Fluid Usage

Track individual dispenses or display total dispense history.

Ordering Information

Part Number	Description
25C841	IM20 high-flow, high-pressure in-line meter

Technical Specifications	EM8	EM20	IM20
Flow Range	0.25 to 8 gpm (0.95 to 30.3 lpm)	0.25 to 20 gpm (0.95 to 75.7 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 in NPT 1/2 in BSPP 1/2 in BSPT	1/2 in NPT or 3/4 in NPT 1/2 in BSPP and 3/4 in BSPP 1/2 in BSPT and 3/4 in BSPT	3/4 in NPT
Outlet	3/4 in straight thread O-ring boss	7/8 in straight thread O-ring boss	3/4 in NPT
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 (2.07 bar @ 22.7 lpm)	85 psi @ 12 gpm (5.86 bar @ 45.4 lpm)	35 psi @ 12 gpm (2.41 bar @ 45.4 lpm)
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)		4.2 in L x 3.4 in W x 3.2 in H (10.7 cm L x 8.6 cm W x 8.1 cm H)
Weight	3 lbs (1.36 kg)	3.1 lbs (1.39 kg)	1 lb. 4 oz. (0.57 kg)
Warranty	Five years overall, three years electronics and one 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.

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






Ordering Information

Accessories

Part Number	Description
25D934	Electronic control replacement
129876	Black impact guard for EM8, EM20 and IM20
25D936	Battery kit: includes AAA batteries, Torx screws and bezel seal

Hose Identification Sets

Vinyl hose wrap for easy identification of meter fluid.

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

AMERICAS

MINNESOTA

Worldwide Headquarters
Graco Inc.
88 11th Avenue N.E.
Minneapolis, MN 55413

MAILING ADDRESS

P.O. Box 1441
Minneapolis, MN 55440-1441
Tel: 612-623-6000 Fax: 612-623-6777

EUROPE

BELGIUM

Graco BVBA
Industrieterrein-Oude Bunders
Slakweidestraat 31
B-3630 Maasmechelen,
Belgium
Tel: 32 89 770 700 Fax: 32 89 770 777

ASIA PACIFIC

AUSTRALIA

Graco Australia Pty Ltd.
Suite 17, 2 Enterprise Drive
Bundoora, Victoria 3083
Australia
Tel: 61 3 9468 8500 Fax: 61 3 9468 8599

CHINA

Graco Hong Kong Ltd.
Shanghai Representative Office
Building 7
1029 Zhongshan Road South,
Huangpu District
Shanghai, 200011
The People's Republic of China
Tel: 86 21 649 50088 Fax: 86 21 649 50077

INDIA

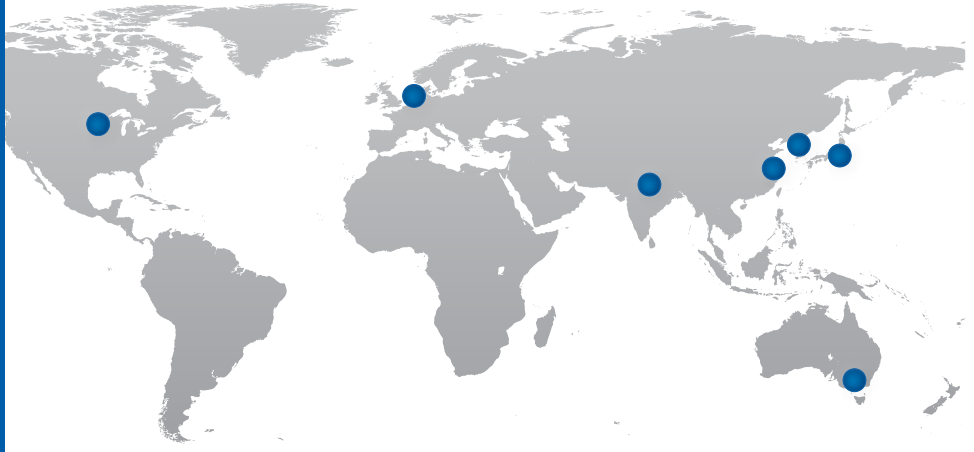
Graco Hong Kong Ltd.
India Liaison Office
Room 443, Level 4
Augusta Point, Golf Course Road
Gurgaon, Haryana, India 122001
Tel: 91 124 435 4208 Fax: 91 124 435 4001

JAPAN

Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City, Japan 2240025
Tel: 81 45 593 7300 Fax: 81 45 593 7301

KOREA

Graco Korea Inc.
Shinhan Bank Building
4th Floor #1599
Gwanyang-Dong, Dongan-Ku,
Anyang-si, Korea 431-060
Tel: 82 31 476 9400 Fax: 82 31 476 9801



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Quality First

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your lubrication challenges.



Global Reach

Graco has facilities and distribution partners across the globe to provide you with the products and service *you* need, where *you* live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



Product Capabilities

Graco has a broad range of products to provide solutions that meet your needs. Our products are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

Contact us today!

Call **800-533-9655** to speak with a Graco representative,
or visit **www.graco.com** for more information.

