

QM40

Mechanical fuel flow meter designed
to mount in multiple directions

GPRO®

PROFESSIONAL GRADE
PERFORMANCE

2-40 | 8-150
GPM | L/min

± 1/2% Accuracy



Shown installed on model V25 pump

FIELD MEASUREMENT OF THIN VISCOSITY PETROLEUM FUEL

The GPRO QM40 Mechanical Fuel Flow Meter is designed for use with pump systems with a flow range of 2 to 40 GPM (8-150 L/min) flow range. This oval gear positive displacement meter provides precision fuel measurements and accurate readings for fleet operations, heavy equipment, and agricultural applications. It features a magnetic drive mechanism that prevents leaks and reduces drag which allows for more accurate readings. The QM40 easily attaches to modular fuel transfer pumps and filter adapters with the Quick-Fit modular feature, a simple four-bolt connection.

EXTREME ACCURACY

Oval gear technology is within +/- 1/2% across a flow range from 2 to 40 GPM.

EASY TO USE

Register rotates to read easily in any application; four-digit display, twist knob reset.

RELIABLE

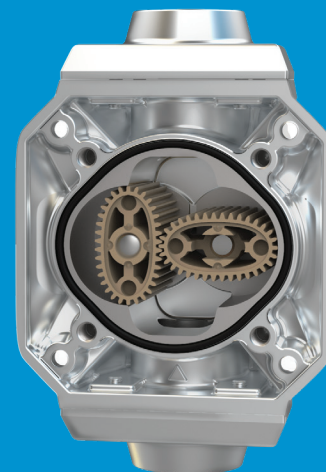
Magnetic drive eliminates drive shaft leaks.

QUICK-FIT READY

Simple four-bolt flange connections allow the meter to be mounted in multiple directions. Connections are designed to bolt directly to the GPI Quick-Fit Filter adapter, a GPI Modular Pump or a GPRO Modular Pump.

VERSATILE

Threaded inlet and outlet adapters are included with each meter to accommodate installation with pipe fittings.



OVAL GEAR
TECHNOLOGY AND
MAGNETIC DRIVE
ELIMINATES
DRIVE SHAFT
LEAKS.

GREAT PLAINS INDUSTRIES



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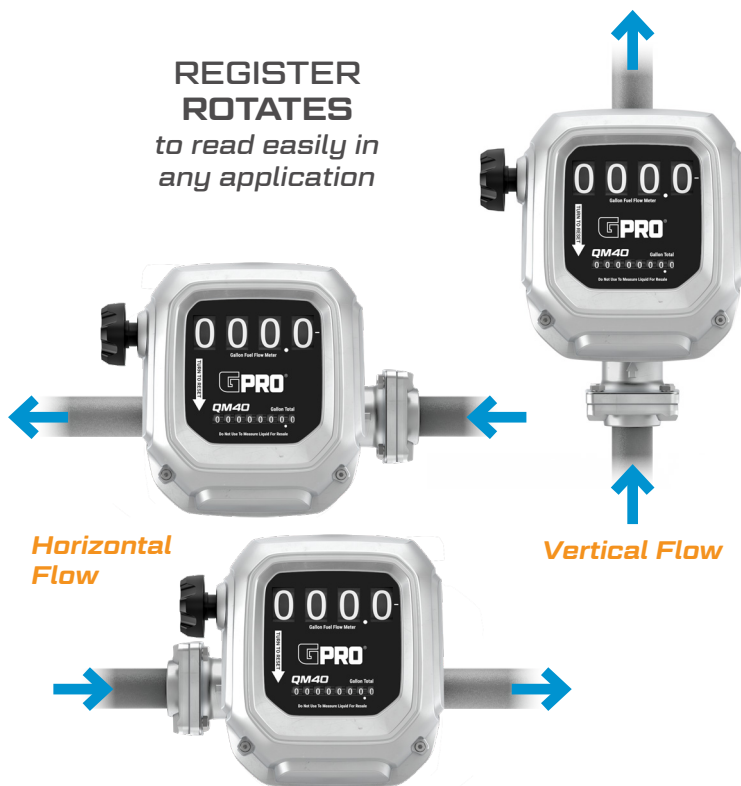
QUICK-FIT READY!

Quickly attach a filter, meter, or both to **customize your personal fuel station.**

Simple flanged, four-bolt connections with O-ring for leak-free, trouble-free installation!

QM Meter shown with V20 Pump and Quick-Fit Modular Filter Kit

REGISTER
ROTATES
to read easily in
any application



QM SERIES MECHANICAL FUEL FLOW METERS

139000-01	Meter, Mech Fuel, GAL, 1" NPT (BOT-TOP), UL, .5% ACC	QM40-G8N
139000-02	Meter, Mech Fuel, LITRE, 1" NPT (BOT-TOP), UL, .5% ACC	QM40-L8N
139000-06	Meter, Mech Fuel, LITRE, 1" BSPP (BOT-TOP), UL, .5% ACC	QM40-L8B

NOTE: Optional gear kit available for gasoline applications: Gas Gear Kit, Item 139500-15

FLUIDS*

Gasoline up to E15 | Diesel Fuel up to B20 | Kerosene | Avgas (100LL)* | Jet A* | Jet A-1*

*See fluid compatibility of each pump model

*For ground-based refueling only. Do not use or mount in or on the aircraft. For use with aviation gasoline (Avgas 100LL), Jet A, and Jet A-1. User should consult NFPA 407 Standard for Aircraft Fuel Servicing for safety requirements during ground fuel servicing of aircraft using liquid petroleum fuels. This product has no actual or implied compliance with this standard. Owners and operators are responsible for compliance to all applicable regulations.



SPECS (ALL MODELS)

Flow Range:	2-40 GPM 8-150 L/min
Accuracy (% of Reading):	+/- ½% (see table below)
Design Type:	Oval Gear
Max. Discharge Pressure:	Up to 50 PSI (3.45 bar)
Operating Temperature Range:	-20° F to 125° F (-29° C to 52° C)
Inlet/Outlet Thread:	1 in. FNPT
Wetted Materials:	Aluminum PBT Stainless Steel NBR Acetal Neodymium (Nickel Plated)
Warranty:	Limited Lifetime Warranty

	QM40-G8N	QM40-L8N
Unit of Measure	Gallon	Litre
Flow Range	2-40 GPM	8-150 L/min
Accuracy: Diesel	± ½% (2 to 40 GPM) ± ¼% (15 to 35 GPM)	± ½% (8 to 150 L/min) ± ¼% (57 to 132 L/min)
Accuracy: Unleaded	± ½% to -1.5% (15 to 30 GPM) ± ½% all other given flows	± ½% to -1.5% (57 to 113 L/min) ± ½% all other given flows
Max. Batch Total	999.9	9999
Max. Cumulative Total	9,999,999.9	99,999,999