

M30

Mechanical fuel flow meter designed
to mount in multiple directions



LEGACY OF RETAIL
FUEL TRANSFER SOLUTIONS



5-30 | 19-114
GPM | L/min

±2% Accuracy

FIELD MEASUREMENT OF THIN VISCOSITY PETROLEUM FUEL

The GPI M30 Mechanical Fuel Flow Meter is designed for use with pump systems with a flow range of 5 to 30 GPM (19 to 114 L/min). This nutating disk positive displacement meter provides 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 M30 easily attaches to modular fuel transfer pumps and filter adapters with the Quick-Fit modular feature, a simple four-bolt connection.

UNSURPASSED ACCURACY

Meter is within a +/-2% accuracy across a flow range from 5 to 30 GPM.

EASY TO USE

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

RELIABLE

Durable aluminum housing; magnetic drive replaces the driveshaft and seal, eliminating driveshaft leaks.

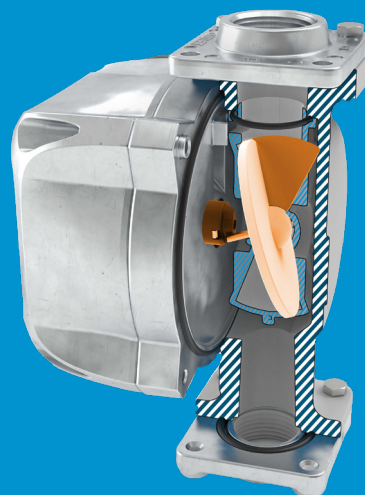
QUICK-FIT READY

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.

Shown installed on model V25 pump



NUTATING DISK
TECHNOLOGY AND
MAGNETIC DRIVE
ELIMINATES DRIVE
SHAFT LEAKS.

GREAT PLAINS INDUSTRIES



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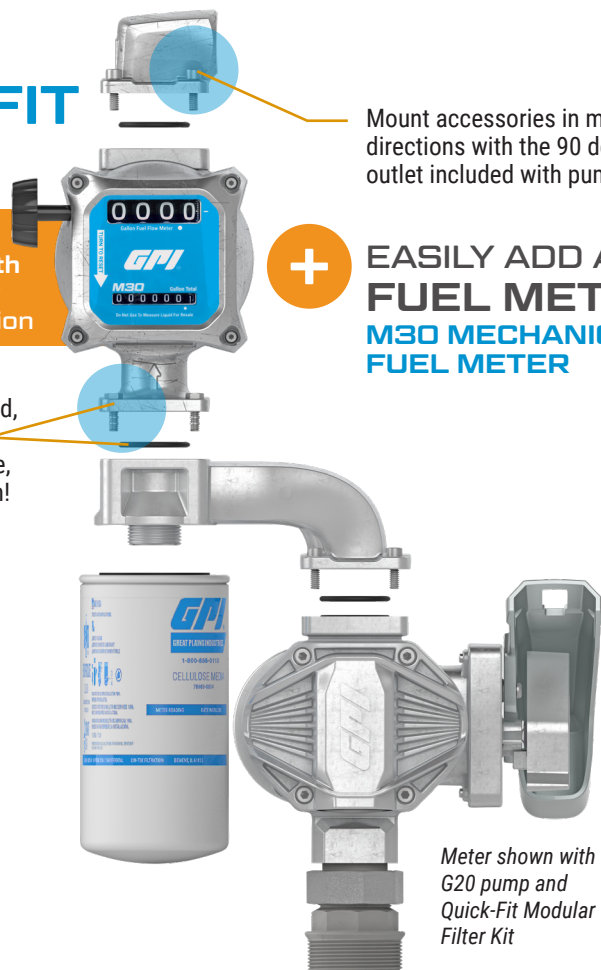


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QUICK-FIT READY!

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

Quick-Fit accessories feature a simple flanged, four-bolt connection with O-ring for leak-free, trouble-free installation!



Mount accessories in multiple directions with the 90 degree outlet included with pump



EASILY ADD A
FUEL METER
M30 MECHANICAL
FUEL METER

Meter shown with
G20 pump and
Quick-Fit Modular
Filter Kit



Vertical
Flow

REGISTER
ROTATES
to read easily in
any application



Horizontal
Flow



M30 SERIES MECHANICAL FUEL FLOW METERS

165100-01	Meter, Mech Fuel, 1" NPT GAL, UL, 2% ACC	M30-G8N
165100-02	Meter, Mech Fuel, 1" NPT LITRE, UL, 2% ACC	M30-L8N
165100-03	Meter, Mech Fuel, 3/4" NPT GAL, UL, 2% ACC	M30-G6N
165100-04	Meter, Mech Fuel, 3/4" NPT LITRE, UL, 2% ACC	M30-L6N
165100-05	Meter, Mech Fuel, 1" BSPP GAL, UL, 2% ACC	M30-G8B
165100-06	Meter, Mech Fuel, 1" BSPP LITRE, UL, 2% ACC	M30-L8B

SPECS (ALL MODELS)

Flow Range:	5-30 GPM 19-114 L/min
Accuracy (% of Reading):	+/- 2.0%
Design Type:	Nutating Disc
Pressure Rating:	Up to 50 PSI (3.45 bar)
Operating Temperature Range:	-20° F to 125° F (-29° C to 52° C)
Wetted Materials:	Aluminum PBT Stainless Steel NBR Acetal Neodymium (Nickel Plated)
Max. Batch Total:	999.9
Max. Cumulative Total:	999,999.9
Warranty:	Limited Lifetime Warranty



FLUIDS

Gasoline up to E15 | Diesel Fuel up to B20 | Kerosene

See Model Specs
on Data Sheet

