



Economy Electronic Digital Meters

GPI offers a variety of economy meters to meet specific applications. These meters are great for monitoring and indication. They provide lower accuracy than our other meters but are an economical choice in many applications. The economy meters are not field serviceable like the popular G2 Series Meters.



LM Series Lube Meters

Model No.
LM50P



Model No.
LM50D



Model No.
LM50M

Choose from one of the latest positive displacement meters available from GPI. These compact meters are perfect for metering engine oils or transmission fluids (maximum viscosity 1,000 cps). The LM50M Mechanical Meter is suitable for hazardous locations and requires no batteries.

Choose the LM50P when Pulse Out without Display meets your application. The LM50D model includes an easy-to-read display. All meters are designed with oval rotors for optimum accuracy.

Features and Benefits:

- ✓ Extremely accurate.
- ✓ Dependable performance.
- ✓ Reliable, trouble-free operation.
- ✓ Total and Flowrate.

LM50P - SPECIFICATIONS

Construction:	Aluminum
Wetted Components:	Acetal, Aluminum, Nitril and Steel
Connections:	1/2 inch NPT or BSPT (Female)
K-Factor:	424 PPG / 112 PPL
Flow Range:	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cps
Accuracy:	± 0.5% of reading
Max. Working Pressure:	1,500 PSI / 103.5 BAR
Operating Temperature:	+23°F to +131°F (-5°C to +55°C)
Model Numbers:	LM50PB (Lube Meter 1/2" BSPT) LM50PN (Lube Meter 1/2" NPT)

LM50D - SPECIFICATIONS

Construction:	Aluminum
Wetted Components:	Acetal, Aluminum, Nitril and Steel
Connections:	1/2 inch NPT or BSPT (Female)
Flow Range:	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cps
Accuracy:	± 0.5% of reading
Max. Working Pressure:	1,500 PSI / 103.5 BAR
Operating Temperature:	+23°F to +131°F (-5°C to +55°C)
Battery:	Two AAA Alkaline batteries
Display:	6 digit; Shows Batch, Reset Total, Non-Reset Total and Rate of Flow
Display Units:	User selectable (gallons, litres, pints or quarts)
Model Numbers:	LM50DB (Lube Meter with Display 1/2" BSPT) LM50DN (Lube Meter with Display 1/2" NPT)

LM50M - SPECIFICATIONS

Construction:	Aluminum
Wetted Components:	Acetal, Aluminum, Nitril and Steel
Connections:	1/2 inch NPT or BSPT (Female)
Flow Range:	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cps
Accuracy:	± 1% of reading
Max. Working Pressure:	1,500 PSI / 103.5 BAR
Operating Temperature:	+14°F to +131°F (-10°C to +55°C)
Model Numbers:	LM50MNG (Mechanical Lube Meter 1/2" NPT fitting. Calibrated in gallons.) LM50MNL (Mechanical Lube Meter 1/2" NPT fitting. Calibrated in litres.) LM50MBL (Mechanical Lube Meter 1/2" BSPT fitting. Calibrated in litres.) LM50MBQ (Mechanical Lube Meter 1/2" BSPT fitting. Calibrated in quarts.)



Economy Electronic Digital Meters

TM Series Water Meter

ACCURACY: ± 3.0% OF READING

TM Meter with Computer Display



TM Digital Pulse Meter

TM Series Meter with 90° Adapter (sold separately)



Features and Benefits:

- ✓ Economical turbine meter for use with water applications.
- ✓ Available in 1/2", 3/4", 1", 1-1/2" and 2" sizes.
- ✓ Durable construction and lightweight with gallon and litre measurement.
- ✓ Powered by Lithium batteries for approximately 9,000 hours and are easily replaced.

TM SERIES – SPECIFICATIONS

Design Type:	Turbine				
Fitting Size:	1/2"	3/4"	1"	1-1/2"	2"
Fitting Type:	Schedule 40 Soc or NPT (Female)				
Flow Range:					
1/2" (TM050)	1 - 10 GPM (3.8 - 38 LPM)				
3/4" (TM075)	2 - 20 GPM (7.6 - 76 LPM)				
1" (TM100)	5 - 50 GPM (19 - 190 LPM)				
1-1/2" (TM150)	10 - 100 GPM (38 - 380 LPM)				
2" (TM200)	20 - 200 GPM (76 - 760 LPM)				
Accuracy:	± 3.0% of reading				
Pressure Rating:	150 PSIG @ 73°F				
Operating Temperature:	+32°F to +140°F (0°C to +60°C)				
Wetted Material:					
Housing:	PVC				
Bearings:	Ceramic				
Shaft:	Tungsten Carbide				
Rotor:	PVDF				
Rings:	316 Stainless Steel				
Shipping Weight (approx.):	(See page 70 for meter dimensions)				
1/2" (TM050)	.80 lbs. (0.36 kg)				
3/4" (TM075)	.88 lbs. (0.39 kg)				
1" (TM100)	1.0 lbs. (0.45 kg)				
1-1/2" (TM150)	1.4 lbs. (0.63 kg)				
2" (TM200)	1.68 lbs. (0.76 kg)				
Display Features:	Local Display includes: Rate of Flow, Batch and Cumulative Totals. Field Calibration available.				
Pulse Output:	Open Collector (NPN)				

APPROVALS



01N Series Water Meter

ACCURACY: ± 5.0% OF READING



Features and Benefits:

- ✓ Simple, small and sturdy Electronic Digital Water Meter with rugged nylon housing.
- ✓ Mount on the end of a hose or a pipe, in-line.
- ✓ Complete meter, including turbine assembly, microprocessor and LCD readout.
- ✓ Choice of gallon and litre measurement.
- ✓ Works well on any pump or gravity feed system with at least 3-30 GPM (10-100 LPM) flow range.

01N SERIES – SPECIFICATIONS

Design Type:	Turbine
Fitting Size:	1 inch
Fitting Type:	NPT or ISO (Female)
Flow Range:	3 - 30 GPM (10 - 100 LPM)
Accuracy:	± 5.0% of reading
Repeatability:	± .5%
Pressure Rating:	150 PSIG (10.2 BAR)
Operating Temperature:	+14°F to +131°F (-10°C to +55°C)
Wetted Material:	
Housing:	Nylon
Bearings:	Ceramic
Shaft:	Tungsten Carbide
Rotor:	Nylon
Signal Generators:	Ferrite
Rings:	316 Stainless Steel
Shipping Weight (approx.):	1.1 lbs. (0.5 kg) (See page 70 for meter dimensions)
Local Display:	Includes: 2 Totals (1 Cumulative, 1 Batch); Permanent factory calibration for water.

APPROVALS



BUY SMART. BUY VALUE. BUY **GPI**



Economy Electronic Digital Meters

01A Series Fuel Meter

ACCURACY: ± 5.0% OF READING



Features and Benefits:

- ✓ Lightweight, accurate, and reliable turbine meter with rugged aluminum housing and sealed electronic circuitry.
- ✓ Powered by two AAA batteries that are easy to replace.
- ✓ Factory calibrated for petroleum fuel with a choice of gallon and litre measurement.
- ✓ Works well on any pump or gravity feed system with at least 3-30 GPM (10-100 LPM) flow range.

01A SERIES – SPECIFICATIONS

Design Type:	Turbine
Fitting Size:	1 inch
Fitting Type:	NPT or ISO or BSPP (Female)
Flow Range:	3 - 30 GPM (10 - 100 LPM)
Accuracy:	± 5.0% of reading
Repeatability:	± .5%
Pressure Rating:	300 PSIG (21 BAR)
Operating Temperature:	+14°F to +130°F (-10°C to +54°C)
Wetted Material:	
Housing:	Aluminum
Bearings:	Ceramic
Shaft:	Tungsten Carbide
Rotor:	Nylon
Signal Generators:	Ferrite
Rings:	316 Stainless Steel
Shipping Weight (approx.):	2 lbs. (0.9 kg) (See page 70 for meter dimensions)
Local Display:	Includes: 2 Totals (1 Cumulative, 1 Batch); Permanent factory calibration for gasoline, diesel fuel or kerosene.

APPROVALS



FM-300H/R Chemical Meter

ACCURACY: ± 2.0% OF READING



Features and Benefits:

- ✓ Simple, small and sturdy Electronic Digital Disc Meter with rugged PBT housing.
- ✓ Mount on the end of a hose or a pipe, in-line.
- ✓ Complete meter, including disc assembly, microprocessor and LCD readout.
- ✓ Choice of gallon and litre measurement.
- ✓ Factory calibrated for thin and medium fluids. Field calibrate for more viscous fluids.

FM-300H/R – SPECIFICATIONS

Design Type:	Nutating Disc with Electronic Display
Fitting Size:	1 inch
Fitting Type:	Inlet: NPT (Female) Outlet: NPT (Male)
Flow Range:	2 - 20 GPM (7 - 75 LPM)
Accuracy:	± 2.0% of reading
Pressure Rating:	50 PSIG (3.4 BAR)
Operating Temperature:	+15°F to +130°F (-9°C to +54°C)
Wetted Material:	
Housing:	PBT Polyester
Fluid Chamber:	PBT Polyester
Signal Generator Kit:	PBT Polyester / Ferrite
Seals:	Fluorocarbon
Clip:	316 Stainless Steel
Shipping Weight (approx.):	3 lbs. (1.4 kg)
Display Options:	Local Display includes: Rate of Flow, Batch and Cumulative Totals. Factory and Field Calibration.

APPROVALS



BUY SMART. BUY VALUE. BUY