



*"Look for the red label!"*



## ECONOMY ELECTRONIC DIGITAL METERS

A variety of GPI® economy meters are available 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. Unlike the popular G2 Series Meters, the economy meters are not field serviceable.



Model No.  
LM50PN



Model No.  
LM51DN



Model No.  
LM50M

Choose from one of the GPI® economy positive displacement meters. These compact meters are perfect for metering engine oils or transmission fluids (maximum viscosity 1,000 cp). The LM50M Mechanical Meter is suitable for hazardous locations.

Choose the LM50PN when Pulse Out without Display meets your application. The LM51DN model includes an easy-to-read display. All meters are designed with oval rotors for optimum accuracy.

### LM50PN – SPECIFICATIONS

<b>Construction:</b>	Aluminum
<b>Wetted Components:</b>	Acetal, Aluminum, Nitril and Steel
<b>Connections:</b>	1/2 inch NPT
<b>K-Factor:</b>	424 PPG / 112 PPL
<b>Flow Range:</b>	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cp
<b>Accuracy:</b>	± 0.5% of reading
<b>Max. Working Pressure:</b>	1,000 PSI / 69 BAR
<b>Operating Temperature:</b>	+23° F to +131° F (-5° C to +55° C)
<b>Model Numbers:</b>	LM50PB (Lube Meter 1/2" BSPT) LM50PN (Lube Meter 1/2" NPT)

### LM51DN – SPECIFICATIONS

<b>Construction:</b>	Aluminum
<b>Wetted Components:</b>	Aluminum, Stainless Steel, Alnico, Buna, LCP (Liquid Crystal Polymer)
<b>Connections:</b>	1/2 inch NPT
<b>Flow Range:</b>	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cp
<b>Accuracy:</b>	± 0.5% of reading
<b>Max. Working Pressure:</b>	1,500 PSI / 103 BAR
<b>Operating Temperature:</b>	-4° F to +140° F (-20° C to +60° C)
<b>Battery:</b>	Lithium
<b>Display:</b>	6 digit; Shows Batch, Reset Total, Non-Reset Total
<b>Display Units:</b>	User selectable (gallons, litres, pints or quarts)
<b>Model Numbers:</b>	LM51DN (Lube Meter with Display 1/2" NPT)

### LM50M – SPECIFICATIONS

<b>Construction:</b>	Aluminum
<b>Wetted Components:</b>	Acetal, Aluminum, Nitril and Steel
<b>Connections:</b>	1/2 inch NPT or BSPT (Female)
<b>Flow Range:</b>	0.26 - 7.8 GPM (1 - 30 LPM) @ 5 - 1,000 cp
<b>Accuracy:</b>	± 1.0% of reading
<b>Max. Working Pressure:</b>	1,000 PSI / 69 BAR
<b>Operating Temperature:</b>	+14° F (-10° C)
<b>Battery:</b>	None required
<b>Model Numbers:</b>	LM50MNL - 1/2" NPT fitting. Calibrated in litres LM50MBL - 1/2" BSPT fitting. Calibrated in litres LM50MNQ - 1/2" NPT fitting. Calibrated in quarts

### Features and Benefits:

- ✓ Extremely accurate.
- ✓ Dependable performance.
- ✓ Reliable, trouble-free operation.
- ✓ Totalization in US gallons and liters

### 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, micro-processor 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 – SPECIFICATIONS

<b>Design Type:</b>	Turbine
<b>Fitting Size:</b>	1 inch
<b>Fitting Type:</b>	NPT or BSP
<b>Flow Range:</b>	3 - 30 GPM (10 - 100 LPM)
<b>Accuracy:</b>	± 5.0% of reading
<b>Repeatability:</b>	± .5%
<b>Pressure Rating:</b>	150 PSIG (10.2 BAR)
<b>Operating Temperature:</b>	+14° F to +131° F (-10° C to +55° C)
<b>Wetted Material:</b>	
<b>Housing:</b>	Nylon
<b>Bearings:</b>	Ceramic
<b>Shaft:</b>	Tungsten Carbide
<b>Rotor:</b>	Nylon
<b>Signal Generators:</b>	Ferrite
<b>Rings:</b>	316 Stainless Steel
<b>Shipping Weight (approx.):</b>	1.1 lbs. (0.5 kg) (See page 76 for meter dimensions)
<b>Local Display:</b>	Includes: 2 Totals (1 Cumulative, 1 Batch); Permanent factory calibration for water.

#### APPROVALS



### 01A Series Fuel Meter



*"Look for the red label!"*

**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 – SPECIFICATIONS

<b>Design Type:</b>	Turbine
<b>Fitting Size:</b>	1 inch
<b>Fitting Type:</b>	NPT or ISO or BSPP (Female)
<b>Flow Range:</b>	3 - 30 GPM (10 - 100 LPM)
<b>Accuracy:</b>	± 5.0% of reading
<b>Repeatability:</b>	± .5%
<b>Pressure Rating:</b>	300 PSIG (21 BAR)
<b>Operating Temperature:</b>	+14° F to +130° F (-10° C to +54° C)
<b>Wetted Material:</b>	
<b>Housing:</b>	Aluminum
<b>Bearings:</b>	Ceramic
<b>Shaft:</b>	Tungsten Carbide
<b>Rotor:</b>	Nylon
<b>Signal Generators:</b>	Ferrite
<b>Rings:</b>	316 Stainless Steel
<b>Shipping Weight (approx.):</b>	2 lbs. (0.9 kg) (See page 76 for meter dimensions)
<b>Local Display:</b>	Includes: 2 Totals (1 Cumulative, 1 Batch); Permanent factory calibration for gasoline, diesel fuel or kerosene.

#### APPROVALS



## FM-300H/R Chemical Meter



## FM-300H/R – SPECIFICATIONS

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

## 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, micro-processor and LCD readout.
- ✓ Choice of gallon and litre measurement.
- ✓ Factory calibrated for thin and medium fluids. Field calibrate for more viscous fluids.

## APPROVALS

