



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.



Lube Meters

Model No.
LM50P



Model No.
LM50D



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). Choose the LM50P when Pulse Out without Display meets your application. The LM50D model includes an easy-to-read display. Both 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) |
| 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) |

BUY SMART . BUY VALUE . BUY



Economy Electronic Digital Meters

TM Series Water Meter

ACCURACY: ± 3.0% OF READING



TM Series Meter with 90° Adapter

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 71 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 Options: | Local Display includes: Rate of Flow, Batch and Cumulative Totals. Field Calibration available. |

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 71 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 71 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 **GPI**