



## ELECTRONIC DIGITAL TURBINE METER

GPI Electronic Digital Turbine Meters combine high technology computer accuracy with turbine accuracy for the ultimate in low cost liquid flow measurement.

GPI meters are self-contained turbine flow sensors with integral, battery powered flow computers. Their lightweight compact design allows installation where other meters cannot be used.

GPI meters are trouble-free. The turbine rotor is the only moving part and there are no seals. The turbine rotor spins at a speed proportional to flow. Signal generators in the rotor produce pulses that are electronically sensed, converted to units and displayed.

GPI meters are supplied with factory calibration for non-viscous fluids. When conditions change, an uncomplicated Field (User) Calibration procedure can be performed to keep meter accuracy high. The field calibration also makes it convenient to measure in nonstandard units.

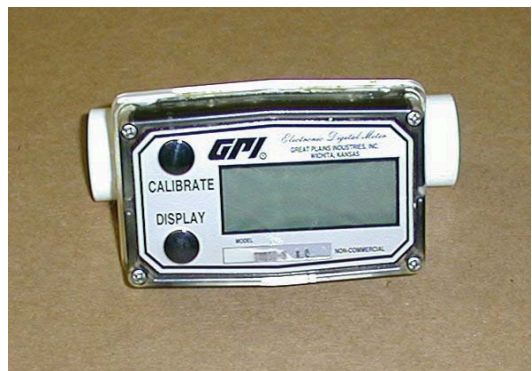
With a large selection of display features, flow ranges, working pressures and material compatibility, Great Plains Industries, Inc. has the right meter for your needs.



**GM Series Meters**

Model #	Body Material	Max. PSI	Flow Range GPM	Calibrations
01N31GM	Nylon	150	3-30	Factory Only (water)
03N30GM	Nylon	150	0.3-3	Factory & Field
03N31GM	Nylon	150	3-30	Factory & Field
03S31GM	Stainless Steel	800	3-30	Factory & Field

- 1" FNPT Parts
- Maximum pressure
  - Nylon 150 PSI
  - Stainless steel 800 PSI
- Two flow ranges
- Field replaceable batteries
- Keeps two totals
  - One locked
  - One resettable



**TM Series Meters**

Model #	Post Size	Flow Range
TM050-N	1/2" FNPT	1-10 GPM
TM075-N	3/4" FNPT	2-20 GPM
TM100-N	1" FNPT	5-50 GPM
TM150-N	1 1/2" FNPT	10-100 GPM
TM200-N	2" FNPT	20-200 GPM

- Batch and cumulative total
- Flow rate (gallons per minute)
- 1 field calibration
- PVC body, threaded ports
- Maximum pressure 150 PSI

**Shop Talk**

**INSTALLING FLOWMETERS**

#1 Read the owners manual.

#2 Turbine style flowmeters should be installed with 6-8" of straight pipe on both sides. Pipe should be the same size as meter ports.

#3 If meter continues to read flow when spray is stopped, make sure there are no bypasses after meter, move meter away from engine vibrations and tilt meter to a 45° angle.

## FLOW MASTER ELECTRONIC DIGITAL FLOW METER BY GREEN GARDE®



**Model 38950 .3 to 3 GPM**  
**Model 38951 1 to 10 GPM**

**Features:**

- Measure flow rates from 1.0 to 10 GPM or .3 to 3 GPM.
- Measure volumes up to 10,000 gallons.
- Handles working pressure from 5 to 500 PSI; burst pressure is 1,000 PSI.
- High accuracy of ± 2%.
- Compact, lightweight, easy to use.
- Powered by long-lasting, field replaceable 9-volt battery.



Now, with Flow Master® brand electronic digital volumetric flow meters by Green Garde®, you can accurately measure the rate of flow and total amounts applied for all of your liquid applications.

## MICRO - TRAK FLO-PRO™ FLOWMETER CONSOLE

- Monitors flow of up to three independent flowmeters.
- Features a batch and total counter with a gallon set key for each flowmeter input.
- Records total volume to the nearest tenth of a gallon.
- Set key allows for predetermined gallon measurement to be entered.
- Built-in relay activates horn or other audible device to alert operator when a set point is reached.
- Flowmeters offering a wide range of capacities, are available to fit your varying application needs.
- Non-volatile memory so settings and totals are retained with power off.
- User selectable English and Metric measurement units.

Part # 00101



00101 Flo-Pro Customized (choose flowmeter kit(s) from below)

**Flowmeters:**

- 00131 FM500 Flowmeter Kit .5-5 GPM / 500 PSI MAX
- 00168 FM750 GFN Flowmeter Kit 2-40 GPM / 150 PSI MAX
- 00105 FM750 SS Flowmeter Kit 2-40 GPM / 500 PSI MAX
- 00257 FM750 SS Flowmeter Kit w/ceramic ball 2-40 GPM / 500 PSI MAX
- 00200 FM1000 SS Flowmeter Kit 3.5-70 GPM / 500 PSI MAX
- 00163 FM2000 P Flowmeter Kit 19-198 GPM / 285 PSI MAX