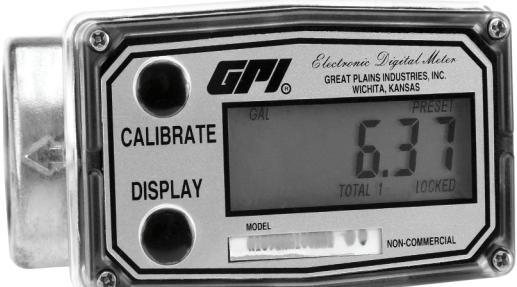




# A1 Commercial Grade Meters

GPI Commercial Grade Meters are identified by an A1 prefix. Commercial Grade Meters are packaged as a self-contained unit. Select this meter when you need an accurate, basic meter. GPI Commercial Grade Meters come in Aluminum and Nylon.

Choose one of three sizes of Aluminum meters for petroleum products. Use the Nylon meters for water or non-aggressive chemicals.



Aluminum



Nylon

## ACCURACY: $\pm 1.5\%$ OF READING

(on models A100, A200 and N100)

## APPROVALS



NEMA  
4

ATEX

IP44

## Select Your Fitting Size:

### Aluminum

Low Flow      1 inch      2 inch

### Nylon

Low Flow      1 inch



## Features and Benefits:

- ✓ Unique package combines Turbine and LCD into a self-contained, compact, economical meter.
- ✓ Local Display Computer features: 2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons and litres; 2 User Calibrations and Flowrate.

- ✓ Output capabilities available to communicate with process control equipment.
- ✓ Lightweight, compact design allows for easy installation.
- ✓ Powered by Lithium batteries for long life.



# A1 Commercial Grade Meters

	ALUMINUM			NYLON	
	A025 (Low Flow)	A100 (1 inch)	A200 (2 inch)	N025 (Low Flow)	N100 (1 inch)
<b>Design Type:</b>	Paddlewheel	Turbine	Turbine	Paddlewheel	Turbine
<b>Housing Material:</b>	Aluminum	Aluminum	Aluminum	Nylon	Nylon
<b>Fitting Size:</b>	1 inch	1 inch	2 inch	1 inch	1 inch
<b>Fitting Type:</b>	NPT, ISO or BSPP(female)	NPT, ISO or BSPP(female)	NPT or ISO (female)	NPT or ISO (female)	NPT or ISO (female)
<b>Flow Range (GPM):</b>	0.3 - 3 GPM	3 - 50 GPM	30 - 300 GPM	0.3 - 3 GPM	3 - 50 GPM
<b>Flow Range (LPM):</b>	1 - 11 LPM	11 - 190 LPM	114 - 1,135 LPM	1 - 11 LPM	11 - 190 LPM
<b>Accuracy:</b>	N/A*	± 1.5% of reading	± 1.5% of reading	N/A*	± 1.5% of reading
<b>Repeatability:</b>	± 1%	± 0.2%	± 0.2%	± 1%	± 0.2%
<b>Pressure Rating:</b>	300 PSI / 21 BAR	300 PSI / 21 BAR	300 PSI / 21 BAR	150 PSI / 10.2 BAR	150 PSI / 10.2 BAR
<b>Operating Temperature Range:</b>	-40°F to +250°F (-40°C to +121°C)				
<b>with Computer:</b>	+14°F to +140°F (-10°C to +60°C)				
<b>Wetted Material - Housing:</b>	Aluminum	Aluminum	Aluminum	Nylon	Nylon
<b>Bearings:</b>	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic
<b>Shaft:</b>	Tungsten Carbide				
<b>Rotor:</b>	Nylon	Nylon	Nylon	Nylon	Nylon
<b>Signal Generators:</b>	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
<b>Rings:</b>	316 Stainless Steel				
<b>Typical K-Factor:</b>	2200	730	72	2200	730
<b>Frequency Range:</b>	11 - 110 Hz @ 0.3 - 3 GPM	36.5 - 608.3 Hz @ 3 - 50 GPM	36 - 360 Hz @ 30 - 300 GPM	11 - 110 Hz @ 0.3 - 3 GPM	36.5 - 608.3 Hz @ 3 - 50 GPM
<b>Recommended Strainer Size:</b>	55 mesh	28 mesh	28 mesh	55 mesh	28 mesh
<b>Shipping Weight:</b>	1.35 lbs. (0.61 kg)	1.35 lbs. (0.61 kg)	3.0 lbs. (1.36 kg)	1.0 lbs. (0.5 kg)	1.0 lbs. (0.5 kg)
<b>Local Display:</b>	09 Computer (See page 60)				

\* Accuracy can vary up to ± 5% depending on installation and fluid type.

Field Calibration is recommended for best accuracy.