liquipsales
N Z LIMITED

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GPI® | Economy Electronic Digital Meters

TM Series Water Meter

Display Model

"Look for the Blue Label!"

Pulse Model

Shown with 90° Adapter
(sold separately)

TM SERIES - SPECIFICATIONS

Design Type:	Turbine
Fitting Size:	1/2" 3/4" 1" 1-1/2" 2"
Fitting Type:	Schedule 80 Spigot (pipe) end 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:	225 PSIG at 73°F
Operating Temperature:	+32°F to +140°F (0° to +60°C)
Battery Life:	5 Years
Wetted Materials	
Housing:	PVC
Bearings:	Ceramic
Shaft:	Tungsten Carbide
Rotor:	PVDF
Rings:	316 Stainless Steel

Shipping Weight(approx.)	Spigot	NPT
1/2 " TM050	.38 lbs (.172 kg)	.55 lbs (.249 kg)
3/4 " TM075	.43 lbs (.304 kg)	.67 lbs (.304 kg)
1 " TM100	.49 lbs (.222 kg)	.49 lbs (.381 kg)
1-1/2" TM150	.66 lbs (.299 kg)	1.38 lbs (.626 kg)
2" TM200	.78 lbs (.354 kg)	1.78 lbs (.807 kg)

Display Features:	Rate of Flow, Batch and Cumulative Totals. Field Calibration available.
Pulse Output:	Open Collector (NPN)

APPROVALS

CE

SAMPLE MODEL

TM100-N- P

Model Size   Fitting Type   Electronic Choice

SPIGOT VERSATILITY

Flange   Union   Male NPT   Coupler

Spigot models include a male end that allows
you to glue on any PVC fitting.

Features and Benefits:

- easy to install
- available in NPT or Spigot fittings
- meets Schedule 80 specifications
- displays in Gallons, Litres, and Cubic Feet
- 5 year Lithium batteries
- indicates batch, cumulative totals and rate of flow
- non-volatile totalizers

Applications:

- OEM water treatment equipment/skids
- sub-metering of facility water usage
- small waste water treatment equipment
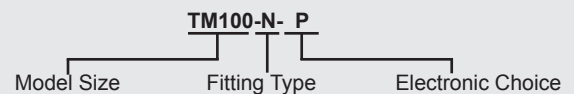- water based cooling systems - chillers

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GPI®

Economy Electronic Digital Meters

TM Series Water Meter

Flange Model with GG Electronics

Spigot Model

NPT Model

TM SERIES - SPECIFICATIONS

Design Type:	Turbine		
Fitting Size:	3" 4"		
Fitting Type:	Schedule 80 Spigot (pipe) end, NPT (female) or 150# ANSI Flange		
Flow Range:			
3 " TM300	40-400 GPM (151-1514 LPM)		
Extended Range	30-600 GPM (131-2271 LPM)		
4 " TM400	60-600 GPM (227-2271 LPM)		
Extended Range	40-800 GPM (151-3028 LPM)		
Accuracy:	+/- 3.0 % of reading		
Pressure Rating:	225 PSIG at 73°F		
Operating Temperature:	+32°F to +140°F (0° to +60°C)		
Battery Life:	5 Years		
Wetted Materials			
Housing:	PVC		
Bearings:	PEEK		
Shaft & Thrust Washers:	Stainless Steel		
Rotor and Nose Cone:	Acetal		
Signal Generator:	Ferrite		
Shipping Weight (approx.)	Spigot	NPT	Flange
3 " TM300	2.4 lbs. 1.09 kg	3.9 lbs. 1.77 kg	5.8 lbs. 2.63 kg
4 " TM400	3.7 lbs. 1.68 kg	6.1 lbs 2.77 kg	9.2 lbs. 4.17 kg
Display Features:	Rate of Flow, Batch and Cumulative Totals. Field Calibration available.		
Pulse Output:	Open Collector (NPN)		

APPROVALS

CE

SAMPLE MODEL

TM300-N-GG

Model Size   Fitting Type   Electronic Choice

ELECTRONIC CHOICES

GG   GX   GA   SC

GG = 6-Digit LCD Local Display with Pulse Out, battery or external power
GX = 6-Digit LCD Local Display with 4-20mA
GA = 4-20mA Only No Display
SC = Scaled Pulse Output

Features and Benefits:
• available in Spigot, NPT, and Flange fittings
• displays in Gallons, Litres, and Cubic Feet.
• indicates batch, cumulative totals and rate of flow
• one-piece field replaceable turbine assembly
• Spigot models may be cut to length
• meets Schedule 80 specifications
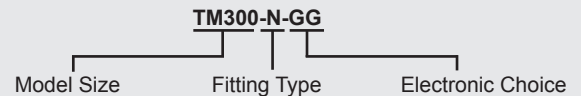• 5 year Lithium batteries
• non-volatile totalizers

Applications:
• OEM water treatment equipment/skids
• sub-metering of facility water usage
• waste water treatment equipment
• chemical feed systems
• cooling towers
• irrigation

GPI