



# Economy Electronic Digital Meters

## TM Series Water Meter



Display Model

**“Look for the Blue Label!”**



Shown with 90° Adapter  
(sold separately)



Pulse Model

### 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

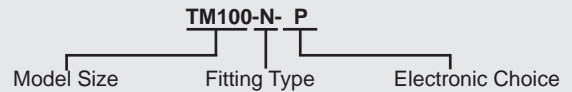
### TM SERIES - SPECIFICATIONS

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



### SAMPLE MODEL



### SPIGOT VERSATILITY



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





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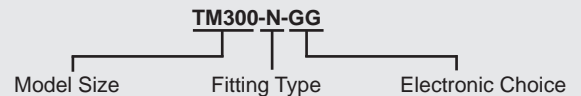
### TM SERIES - SPECIFICATIONS

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



### SAMPLE MODEL



### ELECTRONIC CHOICES



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

