

TM SERIES 3" & 4" WATER METERS

Model - TM300-F



"Look for the blue label!"

TM Series Meters are designed for use in water applications. The 3" and 4" models are shown here. Choose Spigot (pipe end), NPT or 150# ANSI Flange fittings.

For complete part number, see "Number Reference" chart on page 46.

ACCURACY: ±3.0% READING

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.
- ✓ Lithium battery life: 5 years.
- ✓ Non-volatile totals means amounts are retained when batteries are replaced or power is lost.

Applications:

- OEM water treatment equipment / skids
- Sub-metering of facility water usage
- Waste water treatment equipment
- Chemical feed systems
- Cooling towers
- Irrigation

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" - TM 300:	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 / 15.3 BAR at 73° F (23° C)		
For CE Applications:	135 PSIG / 9.1 BAR at 73° F (23° C)		
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 & 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)		

ELECTRONIC CHOICES

GG, GX, GA or SC: See Electronics Section.

APPROVALS



Spigot Model - TM400 Shown



"Look for the blue label!"

NPT Model - TM300-N Shown



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