

Model TM150-N



"Look for the blue label!"

TM Series Meters are designed for use in water applications. The five smallest sizes are shown here. (For 3" and 4" meters, see next page.) Choose either Spigot (pipe end) or NPT and BSPP fittings.



For complete part number, see "Meter Number Reference" for this section.

ACCURACY: ±3.0% READING

Features and Benefits:

- ✓ Easy to install.
- ✓ Displays in gallons, litres and cubic feet.
- ✓ Indicates Batch, Cumulative Totals and Rate of Flow.
- ✓ Available in NPT, BSPP or Spigot fittings.
- ✓ 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
- Small waste water treatment equipment
- Sub-metering of facility water usage
- Water based cooling systems

TM SERIES – SPECIFICATIONS

Design Type:	Turbine	
Fitting Size:	1/2" 3/4" 1" 1-1/2" 2"	
Fitting Type:	Schedule 80 Spigot (Pipe) End, NPT (Female) or *BSPP (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 PSI / 15.3 BAR at 73° F (23° C)	
BSP:	150 PSI / 10.3 BAR at 73° F (23° C)	
Operating Temperature:	+32° F to +140° F (0° to +60° C)	
Typical K-Factor:		
1/2" - TM050:	2,500 PPG / 660 PPL	
3/4" - TM075:	1,100 PPG / 291 PPL	
1" - TM100:	565 PPG / 149 PPL	
1-1/2" - TM150:	215 PPG / 57 PPL	
2" - TM200:	100 PPG / 26 PPL	
Battery Life:	5 Years	
Wetted Materials:		
Housing:	PVC	
Bearings:	Ceramic	
Shaft:	Tungsten Carbide	
Rotor:	PVDF	
Rings:	316 Stainless Steel	
Shipping Weight (approx.):	Spigot	NPT / BSP
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 (-P Elec. Choice):	Open Collector (NPN)	
Calibration Report	Comes standard with -P (Pulse out) TM Models. N.I.S.T. – Certification available.	

APPROVALS



* BSP available in 1", 1 1/2" and 2" only.

Model TM200



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TM SERIES Meter Number Reference

TM SERIES

Product Identifier

TM = Water Meter

Turbine Size

- 050** = Schedule 80 PVC, 1/2 inch
- 075** = Schedule 80 PVC, 3/4 inch
- 100** = Schedule 80 PVC, 1 inch
- 150** = Schedule 80 PVC, 1-1/2 inch
- 200** = Schedule 80 PVC, 2 inch
- 300** = Schedule 80 PVC, 3 inch
- 400** = Schedule 80 PVC, 4 inch

*See Reference section
for meter dimensions.*

Fitting Type

- Blank** = Spigot (Pipe) End
- N** = NPT (Female)
- B** = BSPP (Female)
- F** = 150# ANSI Flange (3 in. and 4 in. meters only)

Electronic Choices

- Blank** = Local Display
- P** = Pulse Output
- GA** = 4-20 mA Output, No Display (3 in. and 4 in. meters only)
- GG** = Pulse Output, With Display (3 in. and 4 in. meters only)
- GX** = 4-20 mA Output, With Display (3 in. and 4 in. meters only)
- SC** = Scaled Pulse Output (3 in. and 4 in. meters only)

TM + **300** + **-N** + **-GA** ← (Sample Model Number)