

TM Series

Plastic Water Meter



TM Series Water Meters are accurate, economical and designed to last. They are ideal for water processing and irrigation applications. Meters come in seven sizes with three fitting types.

FEATURES

- Easy to install.
- Displays in gallons, liters and cubic feet.
- Indicates Batch, Cumulative Totals and Rate of Flow.
- NPT, spigot and 150 lb. ANSI flange fittings.
- Meets Schedule 80 specifications.
- Lithium battery life is 5 years.
- Non-volatile totals means amounts are retained when batteries are replaced or power is lost.
- One-piece field replaceable turbine assembly.
- Spigot models may be cut to length.
- Flow ranges: 1-800 GPM (depending on size).

TYPICAL APPLICATIONS

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

MATERIALS OF CONSTRUCTION

Housing:
PVC.

Rings:
316 stainless steel.

Bearings:
Ceramic (1/2" to 2") or PEEK (3" & 4").

Shaft & Thrust Washers:
Tungsten carbide (1/2" to 2")
or stainless steel (3" & 4").

Rotor & Nose Cone:
PVDF (1/2" to 2") or acetal (3" & 4").

Signal Generator:
Ferrite.

TM SERIES MODEL NUMBERING

Model Number: **TM** X - X - X

Size: _____
050 = 1/2"
075 = 3/4"
100 = 1"
150 = 1-1/2"
200 = 2"
300 = 3"
400 = 4"

Fitting: _____
Blank = Spigot (pipe)
N = NPT (female)
F = Flange (3" & 4" only)

Electronics: _____
Blank = Local display
P = Pulse output
GA = 4-20 mA output,
no display (3" & 4" only)
GG = Pulse output, with display
(3" & 4" only)
GX = 4-20 mA output,
with display (3" & 4" only)
SC = Scaled pulse output
(3" & 4" only)

PRESSURE RATING

225 PSI at 73°F
(135 PSI for CE applications)

TEMPERATURE RANGE

32°F to 140°F

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(NPT, spigot and 150 lb. ANSI flange fittings)

WEIGHTS & SPECIFICATIONS

Size	Flow Range		Accuracy (% of Reading)	Wt. (lbs.)		
	GPM	LPM		Spigot (Schedule 80)	NPT	Flange (150 lb. ANSI)
1/2"	1-10	3.8-38	±3.0	0.38	0.55	-
3/4"	2-20	7.6-76	±3.0	0.43	0.67	-
1"	5-50	19-190	±3.0	0.49	0.49	-
1-1/2"	10-100	38-380	±3.0	0.66	1.38	-
2"	20-200	76-760	±3.0	0.78	1.78	-
3"	40-400	151-1514	±3.0	2.40	3.90	5.80
	30-600 extended range	131-2271 extended range				
4"	60-600	227-2271	±3.0	3.70	6.10	9.20
	40-800 extended range	151-2028 extended range				