



UK Flowtechnik

Specialists in flow metering, pumps, couplings
and process measurement equipment

PRODUCT DATASHEET



UK Flowtechnik Ltd
1 Central Park
Lenton Lane
Nottingham
NG7 2NR
United Kingdom

Phone +44 (0) 11 59 01 71 11
UK Free Phone 0800 4334 770
Fax +44 (0) 11 59 86 88 75

sales@ukflowtechnik.com
www.ukflowtechnik.com

TM Series Axial Turbine Flowmeter with Display

FLOMEC® TM Series Water Meters are accurate, economical and designed to last. Choose TM Water Meters for water processing and irrigation applications:



Features & Benefits

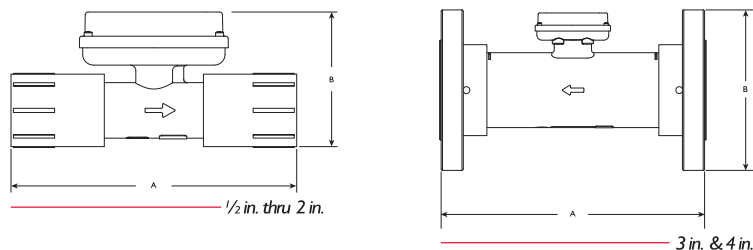
- Displays in gallons, litres and cubic feet
- Indicates Batch, Cumulative Totals and Rate of Flow
- Available in Spigot, NPT, BSP (1", 1-1/2" and 2" only), 150lb ANSI Flange (3" and 4" only) and DIN Flange
- Non-volatile totals means amounts are retained when batteries are replaced or power is lost
- Alkaline battery life: 2 years
- Meets Schedule 80 PVC specification

AXIAL TURBINE
FLOWMETERS

Technical Data

	05	07	10	15	20	30	40
Flow Range							
L/M	3.8-38	7.6-76	19-190	38-380	76-760	151-1,514	227-2,271
Connection							
Size	1/2"	3/4"	1"	1.1/2"	2"	3" (DN80)	4" (DN100)
Meter Factor (P/L)	660	291	149	57	26	11	4.5
Body Material	PVC						
Rotor/Shaft/ Bearing Material	PVDF/Tungsten/Ceramic (316 Stainless Steel retaining clips)					Acetal/Stainless Steel/PEEK (316 Stainless Steel retaining clips)	
Linearity	+/- 3% of Reading						
Max Pressure (Bar)	15.3 Bar (at 23 °C)						
Max Pressure for BSPP & DIN Connections (Bar)	N/A		10.3 Bar (at 23 °C)			9.1 Bar (at 23 °C)	
Max Temperature (°C)	60 °C						
Display	Battery powered LCD with Flow Rate & 2x totals (one with reset) in either Litres or US Gallons						
Options:	Additional sandwich modules for dc power, scaled and unscaled pulsed output and 4-20 mA output						

Dimensional Data



	05 Spigot	05 NPT	07 Spigot	07 NPT	10 Spigot	10 BSP/ NPT	15 Spigot	15 BSP/ NPT	20 Spigot	20 BSP/ NPT
A	109	152	112	155	114	165	137	193	140	200
B	63	68	68	73	73	79	91	96	104	112

	30 Spigot	30 Threaded	30 Flanged	40 Spigot	40 NPT	40 Flanged
A	292	373	305	343	432	356
B	136	147	190	161	170	229

Ordering Information

