



# WT Series

## Electronic Woltmann Water Meter

Smart Electronic Water Meter (Bulk Type)

Available size: DN50~DN300

### Main Features

- High overload capability with large measurement range
- Direct reading LCD register, protected from condensation
- Low pressure Loss
- Water meter for horizontal installation positions
- High pressure version PN10, PN16, PN24 on request
- Meet ISO 4064 Class C and R250 ratio standard

### Electronic features

- Multi-point flow rates calibration
- Data synchronization within 10 sec.
- Build-in 12 years battery lifespan
- Gear-free with electronic sensing devices
- Use of pulse, Modbus (RTU), RS485, RS-232, 4-20mA output

### Technical Specifications

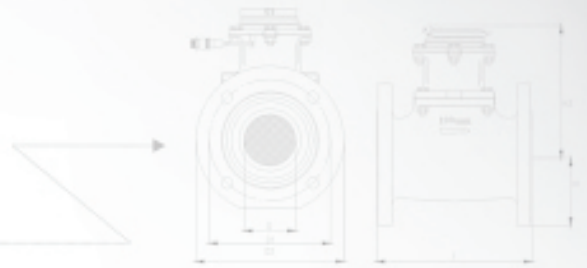
- Meter can be submerged; Protection class IP68
- Measurement for billing of cold potable water up to 60°C
- Max. working pressure: PN10, PN16, PN24
- Max. working temperature: 70°C
- Meter body: Cast iron, Epoxy or Ceramic Paint

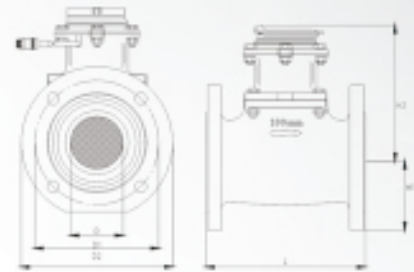
### Intelligent Management Functions

- Totalizer mode; Forward totalizer mode; Reverse totalizer mode;
- Flow rate mode; Management mode; Recording mode
- Leakage days; Reverse flow days; Tamper-proof days;
- Low voltage days; Over Qmax times
- Leak logs (3); Tamper logs (3); Totalizer logs (7);
- Over Qmax ranking (5)

### Best Functions in DMA construction to reduce NRW

- Monthly water consumption logs
- MNF (Minimum Nighttime Flow) logs





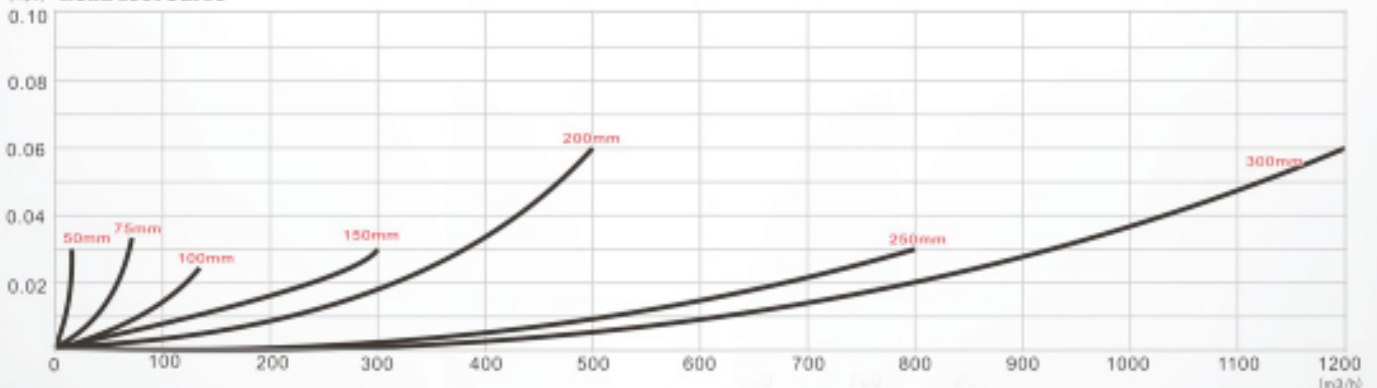
Model	Diameter(D) Unit : mm (inch)	Length (L) max	Flange Diameter (D2 ± 2)	From Bottom Flange Center (H1 ± 2)	From Cover to Flange Center (H2 ± 2)	Flange Center Range (D1 ± 2)	Flange Spec. 7.5k		Approx. Weight (kg)
							Hole Diameter(d)	Hole Number(n)	
WT50	50(2")	200	186	92.5	202.5	143	19	4	18.5
WT80	80(3")	200	211	99	210	168	19	4	18.2
WT100	100(4")	250	238	108	211	195	19	4	22.8
WT150	150(6")	300	290	136	248	247	19	6	29
WT200	200(8")	350	342	163	248	299	19	8	53
WT250	250(10")	440	410	190	335	360	23	8	80
WT300	300(12")	500	464	222	335	414	23	10	107

### Technical Data

ISO 4064:2005	Flow	Units	DN50	DN80	DN100	DN150	DN200	DN250	DN300
	Q1	m3/h	0.1	0.252	0.4	1	1.6	2.56	4
	Q2	m3/h	0.25	0.4032	0.64	1.6	2.56	4.096	10
	Q3	m3/h	25	63	100	250	400	640	1000
	Q4	m3/h	31.25	78.75	125	312.5	500	800	1250
	Q3/Q1	Ratio R		250	250	250	250	250	250

ISO 4064:1993 (Class C)	Flow	Units	DN50	DN80	DN100	DN150	DN200	DN250	DN300
	Q1	m3/h	0.09	0.21	0.36	0.9	1.5	2.4	3.6
	Q2	m3/h	0.225	0.525	0.9	2.25	3.75	6	9
	Q3	m3/h	15	35	60	150	250	400	600
	Q4	m3/h	30	70	120	300	500	800	1200

### Head Lost Curve



Since 1949

**manikant brothers**

6, Sarang Street, 1st Floor, Mumbai - 400 003, India • Tel.: 2342 3408 / 2311 2337

E-mail : mbrothers99@hotmail.com / mbrothers99@gmail.com

Web: www.watermeter.co.in / www.accuflow.co.in