



WTLC(R)-100E₁



WTLC(R)-100E_{2/F}



WTLC(R)-50E₃

Removable Horizontal Dry Type Woltman Meter

Features:

- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss
- Remote transmission device can be added upon request
- Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
- Pulse output may be 10l/pulse, 100l/pulse, 1000l/pulse
- The meters conform to ISO4064 Standard Class B
- The meter are available with LCD reading register

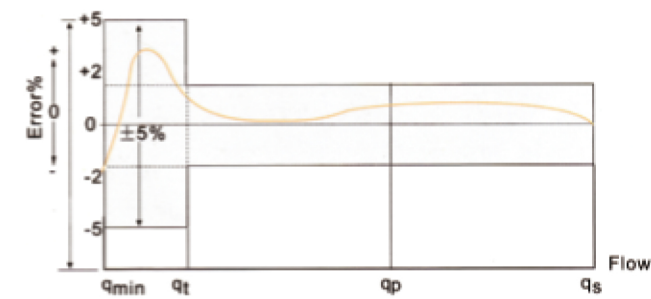
Technical data:

Nominal size DN(mm)	Class of measurement	Overload flow-rate q _o (m ³ /h)	Permanent flow-rate q _p (m ³ /h)	Transitional flow-rate q _t (l/h)	Minimum flow-rate q _{min} (l/h)	Minimum reading M _e (m ³)	Maximum reading M _{ax} (m ³)
50	B	30	15	3.0	0.45	0.01	999999
65	B	50	25	5	0.75	0.01	999999
80	B	80	40	8	1.2	0.01	999999
100	B	120	60	12	1.8	0.1	999999
125	B	200	100	30	3	0.1	999999
150	B	300	150	30	4.5	0.1	999999
200	B	500	250	30	50	0.1	999999
250	B	800	400	30	80	0.1	999999
300	B	1200	600	30	18	0.1	999999

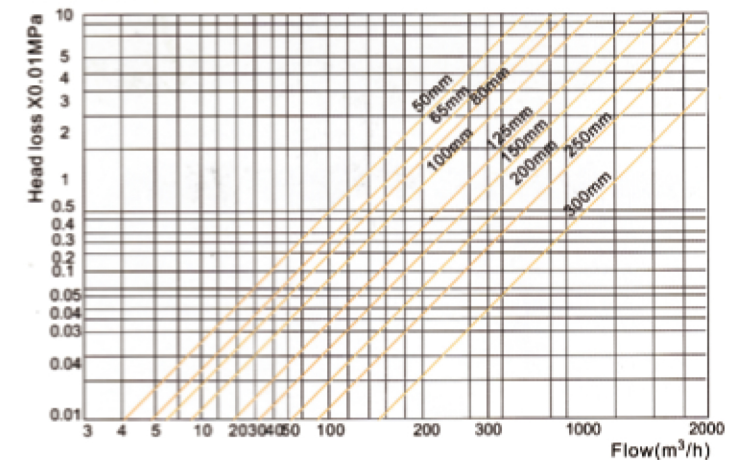
Overall dimensions and weight

Type	Size (mm)	Length (mm) L	Width (mm) W	Height (mm) H	Outer diameter of flange D(mm)	The center diameter of connecting bolt D1(mm)	Connecting bolt (Pcs.)	Weight (kg)
WTLC-50	50	200	172	247	165	125	4 × M16	12
WTLC-65	65	200	185	260	185	145	8 × M16	13
WTLC-80	80	225	200	264.5	200	160	8 × M16	15
WTLC-100	100	250	225	271.5	220	180	8 × M20	19
WTLC-125	125	250	250	295	250	210	8 × M20	23
WTLC-150	150	300	285	301.5	285	240	8 × M20	30
WTLC-200	200	350	340	358.5	340	295	12 × M20	42
WTLC-250	250	400	395	413.5	395	350	12 × M20	51
WTLC-300	300	450	445	463.5	445	400	12 × M20	63

Error curve



Head loss curve



Working condition:

- Water temperature < 50°C (Hot water meter < 90°C)
- Water pressure ≤ 1MPa (PN: 1.6MPa/16bar)
- ΔP ≤ 0.03MPa

Accuracy:

- From minimum flow-rate (q_{min}) inclusive, to transitional flow-rate (q_t), exclusive: ±5%
- From transitional flow-rate (q_t) inclusive, to overload flow-rate (q_o), exclusive: ±2% (Hot water meter: ±3%)

