



WCM

The compound meter: Woltmann meter combined with a multi-jet meter connected via a switching valve

The compound meter consists of Woltmann meter combined with a multi-jet meter connected via a switching valve.

At low flow rates the valve closes the passage of water through the body of the Woltmann forcing it through the secondary channel of the multi jet meter and allowing, as a result, an accurate measuring even at low flow rates.



TECHNICAL FEATURES

Nominal diameter	DN mm (in)	50 (2")	80 (3")	100 (4")	150 (6")
Secondary nominal diameter	DN mm in	20 (3/4")	20 (3/4")	20 (3/4")	40 (1 1/2")
Minimum flow rate Q1	l/h	40	40	40	160
Transitional flow rate Q2	l/h	64	64	64	256
Nominal flow rate Q3	m ³ /h	25	63	100	250
Overload flow rate Q4	m ³ /h	31.25	78.75	125	312.5
Maximum reading	m ³	999,999 +99,999	999,999 +99,999	999,999 +99,999	9,999,999 +999,999
Minimum reading	l	0.5 +0.05	0.5 +0.05	0.5 +0.05	5.0 +0.05
Ratio Q3/Q1		630	1600	2500	1600
Changeover Flowrate (increasing) Qx2	m ³ /h	2.60	2.80	2.70	6.60
Changeover Flowrate (decreasing) Qx1	m ³ /h	1.30	2.00	1.60	5.00
Ratio Q2/Q1		1.6	1.6	1.6	1.6
Maximum admissible pressure MAP	bar	1.6	1.6	1.6	1.6

BASIC VERSION

Woltmann: MID 2004/22/CE

Multi-jet: MID 2004/22/CE

Available for cold water 0°C-50°C only

Magnetic transmission

Woltmann direct reading on 7 numeric rolls

Multi-jet direct reading on 5 numeric rolls

Dry dial

Equipped with pulse emitter device

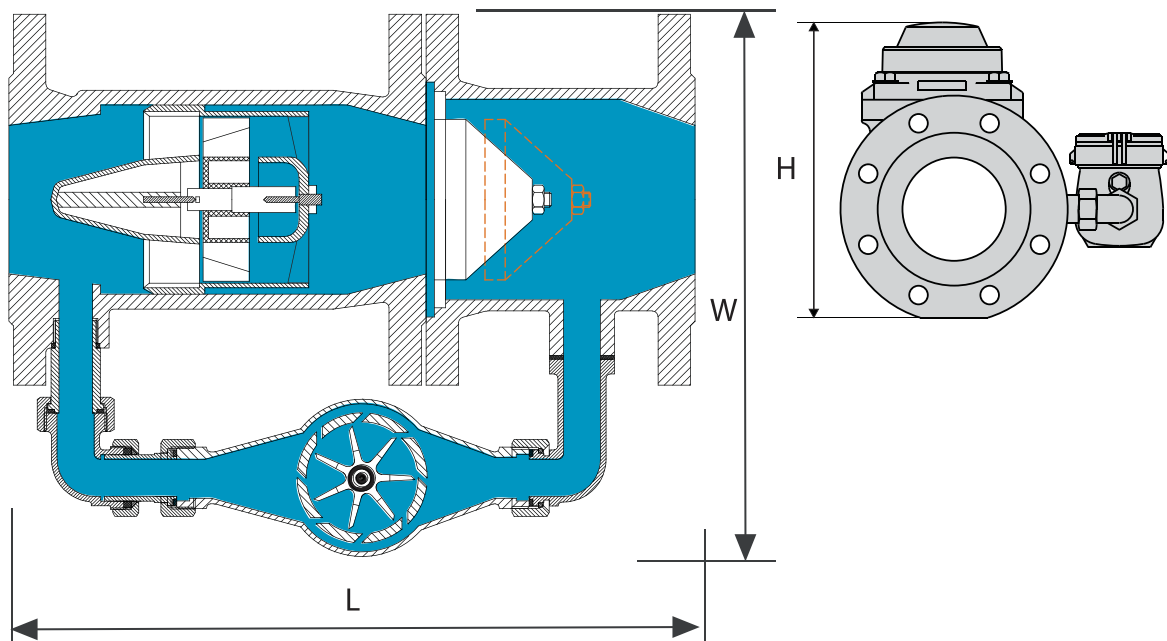
K100 for the mod. woltmann

K10 for the mod. multi jet

Woltmann with removable insert

With lid

DIMENSIONS & WEIGHTS



Size	mm (in)	50 (2")	80 (3")	100 (4")	150 (6")
L	mm	270	300	360	500
W	mm	280	310	340	445
H	mm	180	212	222	350
Weight	Kg	17.6	21.1	30.1	74.6

Flange ISO 7005-2 / EN 1092-2 PN16

DESIGNING, PRODUCING AND DISTRIBUTING SOLUTIONS FOR OVER 25 YEARS

B METERS is an Italian company that has been designing, producing and distributing instruments and solutions for measuring the consumption of water and thermal energy used for heating and cooling, for over 25 years.

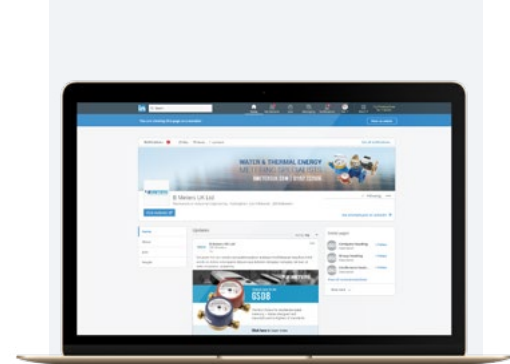
The yearly production currently exceeds 1,800,000 units, putting B METERS in a leading position both at national and European level.

The product range includes turbine (velocity) type single and multi-jet water meters with mechanical or magnetic transmission, Woltmann meters, irrigation meters, flow meters, thermal energy meters and heat cost allocators with direct reading, or complete with integrated modules for the remote transmission of the consumption data.



EN 1434

EN 834



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THE BMETERS RANGE



WATER METERS



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