



WCM

The compound meter: Woltmann 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.



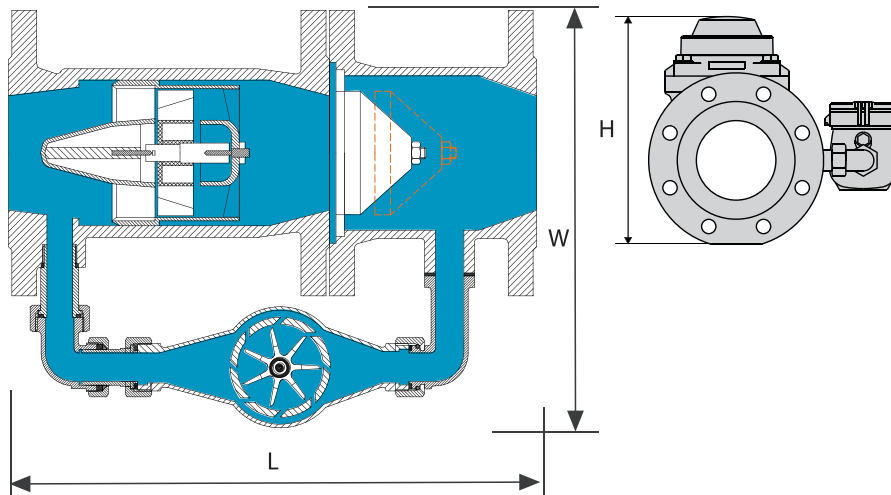
TECHNICAL FEATURES

| 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 VERSIONS

- Woltmann: MID 2014/32/UE. Single jet: MID 2004/22/CE
- Available for cold water 0.1°C – 50°C only
- Magnetic transmission
- Woltmann direct reading on 7 numeric rolls. Single jet direct reading on 5 numeric rolls
- Dry dial
- Equipped with pulse emitter device. K100 for the mod. woltmann. K10 for the mod. single 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.

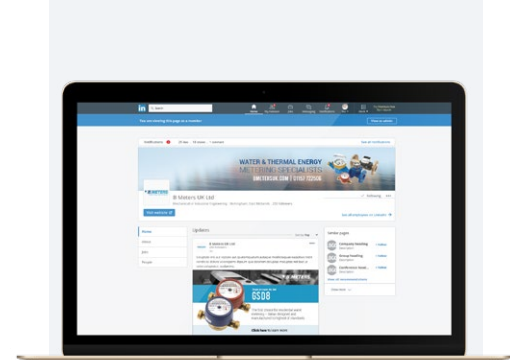
The yearly production currently exceeds 2M units, putting B METERS in a leading position both at national and European level.

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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