

# RWM-1.5

## Multi-jet Magnetic Water Meter

Rotem RWM-1.5 is a revolutionary water-meter with superior performances that exceed all known products in the industry. The dry dial unit complies with ISO 4064 Class C metrological standard. The meter offers very accurate registration in extreme flows, contributing to the revenues of the assigned customer.



### Features

By incorporating revolutionized hydraulic design the meter has superior performances:

- Class C accuracy performance
- Maintains same hydraulic characteristics while tested in  $Q_{max}$  for more than 300 hours (equal to 26 years of operation)
- Reduced head loss - 6.5 meter (0.65 bar) in  $Q_{max}$
- Incorporates unique magnetic transmission that avoids disconnection
- Eliminates any previous installment requirements for straight pipe section of 10D 5D upstream and downstream respectively

### General Specifications

Nominal Size (inch)	$Q_{max}$ Max flowrate ( $m^3/h$ )	$Q_n$ Nominal flowrate ( $m^3/h$ )	$Q_t$ Transitional flowrate (l/h)	$Q_{min}$ Minimum flowrate (l/h)	Maximum register capacity ( $m^3$ )	Min register capacity (liter)	Accuracy between $Q_{max}$ & $Q_t$	Accuracy between $Q_t$ & $Q_{min}$	Sensitivity (up to 30%) (l/h)	Headloss at $Q_{max}$ (bar)
11/2"	20	10	150	100	10 <sup>6</sup>	1	±2%	±5%	28	0.65

### Technical Specifications

Maximum Working Pressure	16 bar
Maximum Working Temperature	50° C
Body	Corrosion proof copper alloy Reinforced polyethylene cap
Coupling Threads	BSP, NPT
Pulse/Liter	10.0

### Installation Requirements

- The meter should be installed in horizontal position dial face up.
- Pipeline must be flushed before installation.
- The meter should be constantly full of water.
-

# RWM-1.5

## Multi-jet Magnetic Water Meter

Rotem RWM-1.5 is a revolutionary water-meter with superior performances that exceed all known products in the industry. The dry dial unit complies with ISO 4064 Class C metrological standard. The meter offers very accurate registration in extreme flows, contributing to the revenues of the assigned customer.



### Features

By incorporating revolutionized hydraulic design the meter has superior performances:

- Class C accuracy performance
- Maintains same hydraulic characteristics while tested in  $Q_{max}$  for more than 300 hours (equal to 26 years of operation)
- Reduced head loss - 6.5 meter (0.65 bar) in  $Q_{max}$
- Incorporates unique magnetic transmission that avoids disconnection
- Eliminates any previous installment requirements for straight pipe section of 10D 5D upstream and downstream respectively

### General Specifications

Nominal Size (inch)	$Q_{max}$ Max flowrate ( $m^3/h$ )	$Q_n$ Nominal flowrate ( $m^3/h$ )	$Q_t$ Transitional flowrate (l/h)	$Q_{min}$ Minimum flowrate (l/h)	Maximu m register capacity ( $m^3$ )	Minimu m register capacity (liter)	Accuracy between $Q_{max}$ & $Q_t$	Accuracy between $Q_t$ & $Q_{min}$	Sensitivity (up tp 30%) (l/h)	Headloss at $Q_{max}$ (bar)
1 1/2"	20	10	150	100	$10^6$	1	$\pm 2\%$	$\pm 5\%$	28	0.65

### Technical Specifications

Maximum Working Pressure	16 bar
Maximum Working Temperature	50° C
Body	Corrosion proof copper alloy Reinforced polyethylene cap
Coupling Threads	BSP, NPT
Pulse/Liter	10.0

### Installation Requirements

- The meter should be installed in horizontal position dial face up.
- Pipeline must be flushed before installation.
- The meter should be constantly full of water.