

Electronic Dosing Systems Ltd

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www.electronicdosingsystems.co.uk



Solutions For All Metering & Measurement Processes

Multi Jet Water Meters



Key Details

- Cold Meters - 30° Temperatures
- Hot Meters - 90° Temperatures
- 16 Bar Working Pressures
- Super Dry Sealed Register
- Protective Internal Strainer
- Pulse Output Signal

MID
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Multijet Water Meters



High Temperature
90°C Max

Dry Dial Reading

Meters have a dry counter face that isn't immersed in water separated from the flow chamber through the meter.

Counter Mechanism

Non-resettable totalisation counter provides an accurate way to measure the water flow through the meter.

Pulse Output Signal

Proportional pulse signal generated by the magnet rotating and closing the reed switch to a set volume of water.

Impulse Signal Frequency

Meter has a specified pulse per litre output that is factory set relative to the size and flow through the water meter.

Working Pressure

Suitable for applications where the pressure does not exceed 16 bar maximum.

Installation Position

Preferred mounting position for maximum flow accuracy is in the horizontal.

Water Meter Specifications

Size mm	Size "	Length	Min Flow	Max Flow	Pressure	Pulse Rate
15mm	½"	259mm	0.031 M ³ /hr	3.00 M ³ /hr	16 Bar	1 Pulse Per Litre
20mm	¾"	294mm	0.050 M ³ /hr	5.00 M ³ /hr	16 Bar	1 Pulse Per Litre
25mm	1"	380mm	0.078 M ³ /hr	7.50 M ³ /hr	16 Bar	1 Pulse Per Litre
32mm	1¼"	385mm	0.125 M ³ /hr	12.50 M ³ /hr	16 Bar	1 Pulse Per 10 Litres
40mm	1½"	431mm	0.200 M ³ /hr	20.00 M ³ /hr	16 Bar	1 Pulse Per 10 Litres
50mm	2"	448mm	0.313 M ³ /hr	31.00 M ³ /hr	16 Bar	1 Pulse Per 10 Litres

Multijet Water Meters (Includes Pulse Output)

Dry dial multi-jet meters are very accurate in small sizes and are commonly used for residential and commercial applications often being installed in water treatment systems with a pulse output signal, designed using multiple ports surrounding an internal chamber to create multiple jets of water against an impeller providing accuracy at very low flow rates.

Multi-jet meters generally have an internal strainer element that protects the jet ports from getting clogged with internal measuring parts made from modern thermoplastics and stainless steel, with the body made from bronze alloy casings from ½" to 2" supplied with BSP union couplings and seals for permanent installation into the existing pipework.

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Water Treatment Equipment Range

