

## Electronic Water Meters



AS 130 (Cold, 1/2")



AS 200 (Cold, 3/4")



AS 250 (Cold, 1")



AS 320 (Cold, 1 1/2"-2")



AS 400 (Cold, 3"-4")



AS 130 (Hot, 1/2")



AS 200 (Hot, 3/4")



AS 250 Meter (Hot, 1")



AS 320 (Hot, 1 1/2")



AS 400 (2"-4")

### FEATURES

- Dry-dial, magnetic drive
- Resistant to exterior magnetic interference
- Steady & reliable, better than turbine flow meter
- Vacuum sealed to keep the dial free from fogging
- Accuracy conforms to ISO4064 class A (2% of scale)
- Small and light weight
- Impulse output, 1 imp/10 L or 1 imp/100 L
- With dust filter (except AS 400)
- Lead seal to prevent tampering
- Highest temperature:
  - Cold meter - 45°C (113°F)
  - Hot meter - 80°C (176°F)
- 8 digit counter display
- Separate register metering (dry) from impeller body (wet)
- Can withstand pressures of up to 1 MPa

### TYPE

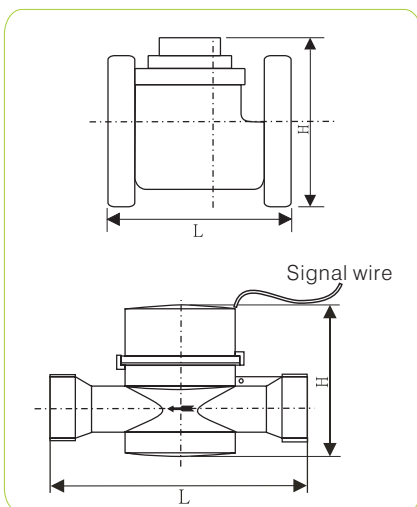
Rotary Vane Wheel Dry-Dial Single-Jet with pulse signal.

### INTRODUCTION

The AS series of water meters are designed for residential, commercial or industrial sub metering applications. Whether you need to monitor the total flow in an industrial facility, the residential water consumption in an apartment complex, we have the right model for your needs. The meters pulse output signal can be connected to an AMR module to allow a PC station to track the water usage for individual rooms, booths, apartments, various departments, the operations of a facility or a production process.

The AS series of water meters offer economy and accuracy with up to 2% of scale. High quality components ensure long term performance, and water lubricated gears and internals provide long life and dependable service. The impeller and register are contained in separate cartridges which allow servicing without having to take the meter from the line, simplifying maintenance and thus reducing downtime.

The meter has a pulse output for every 10 or 100 liters. It provides a micro switch contact closing a 1 amp 24 volt circuit. It can be used in conjunction with a digital remote AMR module for data acquisition so it can be used with a PC.



1. Screw type mounting
2. Rotatable display register
3. Inlet particulate filter
4. Wet impeller body separated from dry display register



1. Flange type mounting
2. Impeller mechanism can be replaced without unmounting meter
3. Optional particulate filter available

Model	DN(φ) in mm	Inlet	Flow rate (m <sup>3</sup> /hr)			Dimensions (mm)			Weight (kg)	L/ pulse	Connection
			Nominal	Min	Max	L	H	B			
AS 130	13	1/2"	1.5	0.06	3	110	80	88	0.8	10	3/4" screw
AS 200	20	3/4"	2.5	0.1	5	130	80	88	1	10	1" screw
AS 250	25	1"	3.5	0.14	7	160	80	96	1.6	10	1" screw
AS 320	32	1 1/2"	6	0.24	12	230	99	117	4.2	10	1.5" screw
	50	2"	15	1.2	30	300	180	145	10.3	10	2.5" screw
AS 400	50	2"	15	1.2	30	200	235	380	12	10	2.5" screw
	80	3"	40	3.2	80	225	276	380	16	100	8xM16 flange (200 diameter)
	100	4"	60	4.8	120	250	290	380	18	100	8xM16 flange (220 diameter)

\*Optional hot water version also available



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