

SAFSONIC - B

BATTERY POWERED FLOWMETER

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- s SANAS traceable flow certificate
- s Non-invasive sensors
- s No moving parts
- s Meter sizes DN80 – DN1000
- s Accuracy $\pm 2\%$
- s 10/16 bar pressure rating
- s Stainless Steel pipe and fittings
- s Forward & Reverse flow
- s Pulse outputs
- s Flow total and rate display
- s Long battery life

Applications

- s Raw water
- s Potable water
- s Irrigation water



The Safsonic - B battery power ultrasonic water meter works using the ultrasonic time of flight principle. It is used in place of mechanical water meters where no power supply is available, and has the following advantages: High accuracy, better reliability, and no moving parts. Install in any angle in full pipe.

Specifications:

| | | | |
|----------------|--|----------------|---|
| Velocity Range | : 0.2 to 10 m/s | Display | : Remote mount |
| Sizes | : DN80 to DN1000 | Cable length | : 5m maximum |
| Flanges | : SABS 1123 in Mild Steel | Outputs | : OCT pulse/m3, forward and reverse total |
| Accuracy | : $\pm 2\%$ | Power | : 3.6Vdc 2 to 4 year life |
| Repeatability | : $\pm 0.5\%$ | Indication | : LCD |
| Temperature | : Environment -40 to 80°C Electronics -10 to 50°C | Data displayed | : Rate m3/hr, Total m3, Battery life, Signal strength and quality |
| Material | : Stainless Steel: tube, sensors & fittings | Data storage | : EEPROM, no data loss |
| Protection | : IP67, [IP68 as special] | | |
| Max pressure | : 10/16 bar | | |