



# Belize Battery Powered Flow Meter

Can a M5000 flow meter be powered with a mains voltage?

The meter can be powered with mains voltage and in case of a mains failure, it is powered by an internal battery. Important data are therefore saved. The M5000 electromagnetic flow meter with converter has been designed for harsh environmental measurement conditions.

What is a M5000 electromagnetic flow meter?

The M5000 electromagnetic flow meter with converter has been designed for harsh environmental measurement conditions. The meter has no moving parts and can be used to measure water containing particles like sand or gravel. The M5000 electromagnetic flow meter features IP67 housing (IP68 optional), making it a reliable meter even when submerged.

How long does a M5000 flow meter last?

The data can thus be centrally compiled and evaluated. A portable console enables the M5000 flow meter to be checked during operation without interrupting the flow. Powered by internal 3.6V lithium batteries, this flowmeter offers an impressive 6 years' autonomy, extendable to 12 years as an option.

How accurate is a flowmeter?

The two-line LCD display offers a clear, intuitive user interface for easy programming via three front panel keys. With a measuring range from 0.03 to 12 m/s, this flowmeter guarantees outstanding accuracy. At speeds above 0.5 m/s, accuracy is better than  $\pm 0.4\%$  of the measured flow value, while at lower speeds it reaches  $\pm 2.5$  mm/s.

Why is the M5000 a good water meter?

The M5000 excellent repeatability as well as the above average battery life makes this innovative water meter indispensable for the water market. Typical applications are leak detection in water networks, water consumption measurements and irrigation plants.

How long does a flowmeter last?

Powered by internal 3.6V lithium batteries, this flowmeter offers an impressive 6 years' autonomy, extendable to 12 years as an option. For maximum continuity, a management board allows toggling between the internal batteries and an optional external (AC) source, ensuring uninterrupted operation even in the most demanding conditions.

Low Flow Setting : Low Flow value set by user is compared with flow rate and if flow rate found than low flow value, totaliser is not updated. Unit Conversion: User can set display units for flow rate & totaliser as per requirement. Communication ...

Low Flow Setting : Low Flow value set by user is compared with flow rate and if flow rate found ...



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Truflo TKB Battery Powered Inline Paddlewheel Flow Meter. The TKB Series battery operated inline plastic paddlewheel flow meter has been designed for tough industrial applications. The TKB series paddlewheel flow transmitter has been engineered to provide long-term accurate flow measurement for both corrosive and non-corrosive liquids. The all plastic inline digital flow ...

The MC608B is a totally standalone battery operated electromagnetic flowmeter transmitter ...

The MUT2200 with MC406 is a battery powered electromagnetic water meter for use in district metering areas (DMA), water abstraction, and custody transfer measurement of potable water (MI-001, OIML R49), irrigation, and many other applications.

Battery Powered Turbine Electronic Flowmeter Small turbine flowmeter for accurate measurement of diesel, gasoline, kerosene, methanol, water, etc. Features: Large measuring range Low pressure loss Strong viscosity ...

SmartMeasurement's ALMAGBAT is a battery powered magnetic flow meter mainly used in water applications. Remote communication with this battery powered mag meter can be achieved via a base-station-type radio ...

Flow measurement of conductive liquids, e.g. coolants, cold/hot water, chemicals, etc. Best-in ...

FLOWIZ is the new battery-powered electromagnetic flow-meter. Equipped with a GPRS wireless communication system and a unique ten-year battery life, it allows interactive or autonomous data sharing to and from remote areas in a safe, ...

Seametrics's iMAG 4700 " Flow Meter Battery Powered, Integral Display. Item No. 66307. Hover to zoom | Click to enlarge. Product Details NSF-61 certified for potable water use IP68-rated for installation in flooded and below-grade areas Battery-powered for areas without power Measure flow in industrial water, wastewater and pump station applications. These economical meters ...

The MUT2200 with MC406 is a battery powered electromagnetic water meter for use in district metering areas (DMA), water abstraction, and custody transfer measurement of potable water (MI-001, OIML R49), irrigation, and many other ...

The Tek-Flux 1400C Utility Electromagnetic Flow Meter is available as a Line or Battery powered electromagnetic flow meter which operates on the principle of Faraday's Law of Electromagnetic Induction. It is NSF approved allowing the ...

FLOWIZ is the new battery-powered electromagnetic flow-meter. Equipped with a GPRS wireless communication system and a unique ten-year battery life, it allows interactive or autonomous data sharing to



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and from remote areas in a safe, fast and above all a cost-effective way.

SmartMeasurement's ALMAGBAT is a battery powered magnetic flow meter mainly used in water applications. Remote communication with this battery powered mag meter can be achieved via a base-station-type radio communication network system. With a centrally located base station, the coverage radius can be up to 1000 meters.

The MC608B is a totally standalone battery operated electromagnetic flowmeter transmitter that has up to 6 years battery life. Accuracy is maintained through the incorporation of automatic and continuous meter zeroing under flowing conditions. EL System electromagnetic flowmeter is battery-powered & intended for water cycle & process applications.

Battery Powered Electromagnetic Flow Meters based on the same meter as the DTI-E82. Pipe Diameters: 10-1,600mm with line pressures of 10, 16 or 25 Bar. Standard DIN flanges, with ANSI or JIS flanges available on request. Rubber, PTFE or FEP linings and Stainless Steel, Hastelloy, Titanium, Tantalum or Platinum electrode options.

Web: <https://doubletime.es>

