The NEW CalMaster2 verification suite

Accurate, efficient and cost effective flow meter verification...

...without all the baggage

In the water industry, flow meter verification is a key operational process. Regulatory and audit requirements demand it, as do consumers. In addition, effective and efficient flow meter verification delivers consistent flow measurement and peace of mind.
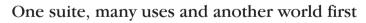
The costly and complicated now made simple

Traditionally, verifying flow meter accuracy has been expensive, difficult and disruptive. The methodologies most frequently utilised have ranged from removing the meter and drop testing to using ultrasonic or insertion meters. But these processes can be problematic, involving hard to find test points and, in some cases, partial excavation of the pipeline concerned.

With the launch of ABB's **CalMaster2 verification suite**, that's all changed. This innovative portable resource, which has been designed specifically for use with ABB products, makes the verification of battery and mains powered flow meters quick, easy and much more cost effective.

CalMaster2 delivers all the accuracy and certainty you need, without all the baggage.

One suite, many uses and another world first

To be absolutely sure that your system is working correctly, you need to be absolutely sure of the accuracy of your flow calculations. With the new **CalMaster2**, which is divided into two elements - **CheckMaster** and the **CalMaster IRIS** (Intelligent Recognition Information System) - you can be.

The world's first in-situ flow meter verification suite for both mains AND battery powered electromagnetic flow meters is here.

A World First

ABB

Introducing CheckMaster and CalMaster IRIS

CheckMaster is a field validation device that checks whether MagMaster™ or AquaMaster™ metering systems are installed and functioning correctly, making it the ideal choice for proving the efficiency of new and existing systems. It can identify and report on any deviations from the required settings, via the device's display, including a brief failure report.

CalMaster IRIS is a stand-alone battery-powered test device that allows you to perform in-situ verification of mains and battery-powered flow meter systems. In addition, and for greater flexibility and return on investment, it uses fuzzy logic for condition monitoring and trend analysis.

Setting a new benchmark for accuracy

Accuracy is our first priority, because we know it's yours. So for ABB's finger printed flow meters, **CalMaster IRIS** is accurate to ± 1% which is another industry beating best.

Store up to 100 tests at a time

Undertake and store up to 100 tests at a time and then simply plug the device into your PC and download the information you need. Conformance and verification reports, traceable to international standards, can be generated and used as proof of regulatory compliance.

Because prevention is better than cure

CalMaster IRIS's unique condition monitoring software, not only checks on a flow meter's current status, it also predicts future problems. This enables preventative measures to be undertaken which can have a significant impact on your bottom line, especially via reduced maintenance costs.

CalMaster - a name you know and trust

CalMaster1 was the world's first flow meter verification system and since 1995 it has gone on to achieve remarkable world-wide success. The new **CalMaster2 suite** takes in-situ flow meter verification further still, with enhanced accuracy, portability and ease of use in a compact package.

Like its predecessor, **CalMaster2** will deliver crucial bottom line savings for water utility businesses and their contractors.

The CalMaster2 Suite.
All the benefits, none of the baggage

Power and productivity
for a better world™

ABB