

## McCrometer FPI and Ultra Mag Flow Meters

### THE FPI Mag, a New Approach to Accurate Water Flow Measurement

#### THE NEXT GENERATION MAG METER

The FPI Mag is ideal for capital or maintenance projects, retrofits and sites never before metered. The unique combination of accuracy, ease of installation and total cost savings make the FPI Mag the perfect choice for a wide range of Municipal and Industrial Applications. It really is The Next Generation Mag Meter.

#### ACCURACY:

The FPI Mag® meets or exceeds exacting industry standards of 0.5% accuracy with 3rd party testing verification. The multi-electrode design and unique operating principle delivers accuracy unmatched by other insertion meters and rivals the performance of full-bore mag meters.

#### AMI / AMR Smart Output™

The FPI Mag is available in battery or solar powered options for forward flow sensors, enabling installation in remote applications without access to power. Additionally, ask us about the new Smart Output feature, which allows the FPI Mag to connect to AMI / AMR systems through an encoded digital output.



### The Ultra Mag, a New Standard for Performance

#### Electromagnetic Flanged Flow Meter with Minimal Straight-run Requirements

The Ultra Mag is an advanced, leading-edge magmeter that requires only 1D upstream and 0D downstream of most flow disturbers, and still maintains 0.5% accuracy across a large flow range. The field-proven electromagnetic flow meter was designed for the specific needs of the industrial and water & wastewater industries. The mag flow meter's unique NSF-approved UltraLiner™ provides superior electrical insulation as well as excellent protection against corrosion and abrasion.

The Ultra Mag magnetic flowmeter sets a new standard for performance, ease-of-use, and value. It is designed specifically for conductive liquids, slurries, and sludge. These mag meters use a non-intrusive measurement element. Debris / solids will not clog the line. The Ultra Mag flow meter is excellent in harsh environments requiring minimal maintenance. These mag flow meters are ideal in water well production, pump stations, industrial / municipal water & wastewater, and more. The UltraMag can be ordered with custom lay lengths to fit space requirements and is available for use with AC power, DC power, battery only, or solar power. Optional end connections include ANSI, DIN, JIS.

[Further details](#)







### Limited Time Discount Offer On McCrometer Mag Meter Range

AMS is offering its customers an additional 10% off on the McCrometer range of FPI and Ultra Mag flow meters as per attached link  
Valid for order placement from November 1 till November 30. Available to customers within our sales territory. Please use code: **MCCNOV** to claim the discount.

<https://www.ams-ic.com.au/services/flow-liquids/>



**Michell HygroCal100**

### The all-in-one validation package for your humidity sensors

The HygroCal100 provides a stable test chamber to quickly evaluate the performance of relative humidity sensors across a wide range of 5 to 95% relative humidity.

Its intuitive 4" touch screen display and interface allows the probes under test to be fully integrated with the chamber and user interface (UI), so up to 7 probes with a variety of diameters and output signals can be powered, monitored and logged simultaneously by one self contained unit.

The HygroCal100 allows you to automate your calibration procedure with ease, and will provide a complete logged output of all probes under test against the reference instrument in csv format, ready to download to your USB memory device.

Coupled with an Optidew Vision chilled mirror hygrometer, the HygroCal100 becomes a powerful transportable calibration facility.

The HygroCal100 can optionally be fitted with a high capacity battery pack, which can



**optek C8000 Series Universal Converter**

The Control 8000 universal converter operates optek photometric sensors along with 2 pH-probes and 2 conductivity sensors (optek patented ACF series) simultaneously. All measurements (2 x optical, 2 x pH, 2 x conductivity and 2 x temperature) are transmitted with the standard 8 mA-outputs and may also be displayed as text and/or bar graphs.

The combination of C8000 and ACF60 conductivity sensors allows a wide dynamic range from 0 – 10 µS/cm up to 0 – 850 mS/cm with the same sensor.

### The Control 8000 is available in various configurations to meet the exact needs of your process.

- 1 or 2 photometric sensors
- 2 conductivity sensors
- 2 pH sensors
- Multiple parameter sets
- Multiple linearization tables

power the generator and 7 sensors under test for up to 8 hours. The unit can also run from mains power while charging the battery.

### Product Features

- Truly portable at 3.2kg, and completely self-contained
- Intuitive UI makes automating probe verification simple
- Integral battery pack means validation can be done without access to services
- Validate 7 probes simultaneously
- Automated validation procedures for complete hands-off probe verification
- Internal calibration correction cycle ensures continued confidence
- Optional chilled mirror reference hygrometer, allowing use as a calibrator
- Download logged verification data direct to USB memory

[More Information](#)

- Data logger
- Factory zero for scattered light sensors
- Remote control

### Sensors

- AF16-N / TF16-N Turbidity Sensors
- AF16-F / AF26 Color Sensors
- AF45 / AF46 UV Sensors
- ASD12-N Probe Sensors
- ASD25-N / ASD25-BT-N Probe Sensors
- AS16 / AS56 Probe Sensors
- Conductivity Sensor
- ACF60 / ACS60 /pH Electrode
- Adapter PF12 Single Use Cell

[More information](#)

## AMS News



Having just returned from our trip around the western half of Australia I will be off again shortly to Europe to visit some of our principals in Europe. October proved to be a good month for AMS once again with several project orders won for Beamex and McCrometer and a very steady order intake for many of our other product lines. With two months to go till the end of the year this might prove to be a very successful year for AMS.

Management at AMS decided to run a "Bit of Fun" competition for the sales people to take a picture of a Beamex MC6 at a famous Australian landmark. The judges chose this picture on a MC6 sitting on one of the pinnacles at the "Nambung National park" in Western Australia. The Pinnacles are limestone formations within Nambung National Park, near the town of Cervantes, Western Australia. The area contains thousands of weathered limestone pillars. Congratulations to Michael Hicks ,WA sales manager, who took this picture.

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