



CONTACT

AUSTRALIAN LOCATIONS

Head Office & Manufacturing

268 Milperra Road, Milperra,
NSW 2214
+61 2 8710 4040

Sales & Distribution Centres

Unit 1, 30 Oxleigh Drive,
Malaga WA 6090
+61 8 9477 1188

Unit 4, 783 Kingsford Smith Drive,
Eagle Farm QLD 4009
+61 7 3608 7889

Regional Offices

37-41 William Street,
Tatura VIC 3616
1300 797 346

Suite 2, 34 Park Ave,
Coffs Harbour NSW 2450
1300 797 246

INTERNATIONAL LOCATIONS

NEW ZEALAND

0800 278 260

UNITED KINGDOM

+44 13 465 31193

UNITED ARAB EMIRATES

+971 50 659 4433

INFO@AQUAMONIX.COM.AU
AQUAMONIX.COM.AU

The Emflux Flowmeter Family

The Emflux range of electromagnetic flowmeters provide optimal water flow measurement and are suited for use in a wide range of applications. Our solar and mains powered transmitters are for use with flow detectors to provide display and output of flow measurement of any conductive fluid.

Aquamonix provides innovative products and services to assist businesses and communities to monitor critical water resources, manage environmental compliance and master their remote infrastructure. We are a major supplier of flow metering, water quality sensors, remote telemetry systems and control solutions for the Australian Irrigation market. We have an installed base of more than 30,000 sites and have over 20 years of experience in the industry.

FLOWMETER FEATURES AND APPLICATIONS

FEATURES

- The range of flowmeters use the well proven electromagnetic method of flow measurement, which applies Faraday's law as the principle of operation.
- No moving parts
- High accuracy
- Wide operating range

- No obstruction to the flow
- Little to no pressure loss
- Robust construction

GENERAL APPLICATIONS

- Irrigation flow measurement
- Water production and distribution

MODEL 1060 STEEL BODY FLOWMETER



FEATURES

- Welded steel construction
- Minimal straight pipe installation requirements
- Remotely mounted electronics
- Used with the M500 flow transmitter on 240VAC powered sites

GENERAL APPLICATIONS

- Waste water monitoring and treatment
- Above ground inline flow mounting
- Industrial processing plants

MODEL 2020 ABS BODY FLOWMETER



FEATURES

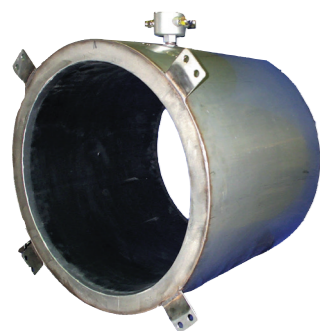
- ABS tube and housing.
- A choice of electrodes to suit the process.
- Variety of flange types available.
- Submersible to 1.5 metres (5 feet) of water.
- Suitable for buried service.
- Minimal straight pipe requirements.
- Remotely mounted electronics.
- On powered sites used with the M300 transmitter which features multiple outputs and flexible programming.

- On non-powered sites used with the I300 or I500 battery powered transmitter with solar recharge.

GENERAL APPLICATIONS

- Effluent discharge.
- Selected chemical applications.

MODEL 2030 IRRIGATION FLOWMETER



FEATURES

- Operates on batteries with solar power recharge.
- Extremely low headloss.
- Broad operating range.
- Simple installation.
- Tamper-proof design.
- Each Irriflow flowmeter is supplied with a 3 point calibration certificate, traceable to national standards.
- **Pit Mount** – Designed to be attached to a discharge

headwall with the flowmeter ID similar to the discharge pipe, therefore producing no appreciable head loss.

- **No Mounting Tabs** – Designed for encasement into piping systems.

GENERAL APPLICATIONS

- Irrigation offtake monitoring
- AS4747 compliant installations

MODEL 2060 ELECTROMAGNETIC FLOWMETER



FEATURES

- Liners to suit chemical or abrasive applications.
- A choice of electrodes to suit the process
- Variety of flange types available
- Steel welded construction
- Submersible to 10 metres of water
- Suitable for buried service
- Minimal straight pipe installation requirements
- Remotely mounted electronics
- On powered sites used with the M300 transmitter

which features multiple outputs and flexible programming

- On non-powered sites used with the I300 or I500 battery-powered transmitter with solar recharge.

GENERAL APPLICATIONS

- Mining slurries.
- Waste water monitoring and treatment.
- Effluent discharge.
- Pulp and paper applications.

FLOWMETER TRANSMITTER FEATURES

FEATURES

- Uses the well proven electromagnetic method of measurement.
- No moving parts or restriction of flow during measurement.
- Enhanced diagnostic and alarm functions, completely configurable
- Removable SD card allowing easy upgrade of transmitter and logging.
- Large multi-line backlit LCD display.
- User configurable logging interval for flow data and diagnostic tables.
- Optional 4-20mA output.

- User configurable digital frequency and pulse outputs.
- Full serial Modbus multidrop support.
- 3x expansion slots allowing additional IO.
- Serial support for modems, RTUs and PLCs.
- Ability to calibrate and operate flow tubes up to 1000mm in diameter.
- Capacitance style keypad with no moving parts.
- Cable entry via IP68 rated glands
- Multi-level password protection
- Designed for outdoor environments.

MODEL M500 FLOWMETER TRANSMITTER



SPECIFICATIONS

- Operates on 240VAC, 24VDC and 12VDC fixed power supplies
- M25, M20 and M16 glands fitted

GENERAL APPLICATIONS

Electromagnetic flowmeters for the accurate flow measurement of any conductive fluid. Ideally suited to water and waste water treatment plants, mining and general industry.

MODEL I500 FLOWMETER TRANSMITTER



SPECIFICATIONS

- AS4747 compliance
- Operates on remote 12VDC with solar recharge
- Operates on 24V fixed power supplies
- Tamper proof design

GENERAL APPLICATIONS

Ideally suited to remote mission critical water and wastewater measurement applications. Suited to irrigation off-takes, water and wastewater treatment plants, mining and general industry applications. Additional capability to undertake basic control functions e.g. local off-take gates and valves and a variety of communications protocols to efficiently deliver output data.

NMI PATTERN APPROVED

NMI 14/3/32

Our Emflux I500 flowmeter is pattern approved and certified by the National Measurement Institute. At Aquamonix, we aim to continuously improve products and services that meet customer requirements



The Emflux Aquagate module provides an integrated communications solution to allow users to collect flow and diagnostic data from remote flow meters. The Aquagate card integrates seamlessly into the flow meter transmitter and operates from the remote solar or mains power supply. Data can be sent direct to a customer SCADA system or to a web based data platform ENVAULT to allow real time data access by operators or landholders. The Aquagate provides the capability to perform a Remote Verification of flow meter performance without having to visit the remote sites.

