



TESTAM

WE SOLVE MEASUREMENT PROBLEMS

presents



Water Monitoring

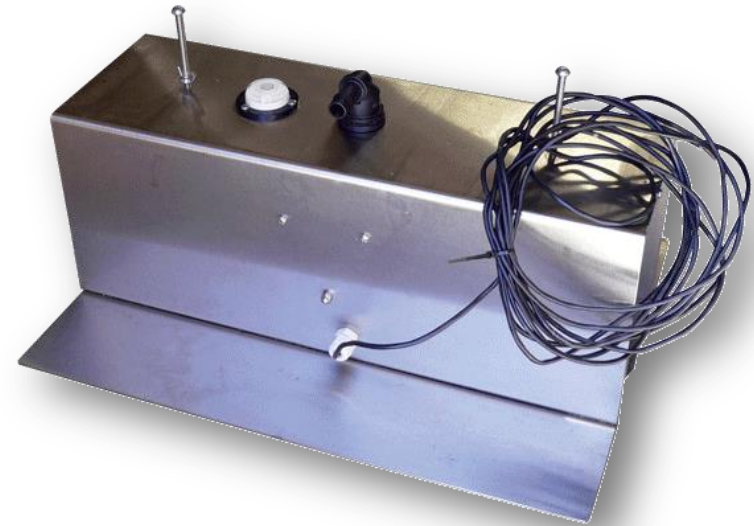




Water Monitoring Modules

Tipping Bucket Flow Gauge

- Used for small volumetric flows
- Marine grade 316 stainless steel
- Range:
6506G – up to 3 litres/minute
6506H – up to 4 litres/minute
- Capacity:
6506G – 75ml per tip
6506H – 130ml per tip



Starflow Ultrasonic Doppler Instrument

- Measuring the velocity, depth and flow
- Water velocity is measured by the ultrasonic Doppler principle
- Velocity Range :
21mm/s to 4500mm/s bi-directional
- Depth Range:
0 to 2m and 0 to 5m



Starflow Accessories

- Microwire Interface converts a serial signal to a 4-20mA output
- Weatherproof enclosure contains mounting hardware for a lead-acid battery and drying tube
- The 6705 expanding band kit allows Starflow installation in pipes of different sizes
- HSIO LCD displays the values from the most recent scan



Starflow QSD SDI-12 Ultrasonic Doppler Instrument

- Measuring the velocity and depth
- Water velocity and depth are measured by the ultrasonic Doppler principle
- Velocity Range:
20mm/s to 1600mm/s in one direction
- Depth Range:
20mm to 2m/5m



pH Probe and Dissolved Oxygen Probe

- The pH probe produces a voltage output that varies proportionately to the hydrogen ion activity in an solution
- pH range: 0 – 13
- The dissolved oxygen probe produces a millivolt output proportional to the oxygen present in the medium
- Range: 0-50mV (2.5 to 5mV per ppm mg/l)



Evaporation Monitoring System

- Evaporation Monitoring System measures how much water evaporates from a Class A evaporation pan by measuring the water level in an adjoining stillwell
- 6529 System can be purchased as:
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Water Electroconductivity Instrument and Probe

- Measures the electro-conductivity and temperature of water/solution
- Both temperature corrected and uncorrected conductivity measurements are available for recording
- Ultra low-power consumption makes the instrument ideal for remote, unattended operation. A single 12V battery provides months of operation.



Precision Water Level Instrument

- Monitor surface and underground water level, with the precision to monitor rainfall and evaporation
- Normally connected to the water surface by a float system with optical encoder on the input shaft
- Very low mechanical friction & inertia deliver high precision and accuracy
- Practical design and rugged construction ensure easy operation and long service life



Hydrostatic Water Depth and Temperature Probe

- Probes provide accurate long term measurements of water depths of 3m to 50m in standard ranges
- Accuracy of 0.06% full scale
- Fully sealed to IP68 and temperature compensated
- Can be immersed to 100m
- Ideal for monitoring drainage, bore depth and river height



Radar Water Level Sensor

- The Radar Water Level Sensor provides continuous water level measurement of water in rivers, streams, open waste water channels, storm water overflow tanks and pump stations
- The sensor is mounted vertically with a bracket mounted on a structure with the sensor pointing downwards
- almost maintenance-free due to non-contact measuring principle



Submersible Pressure Transmitter

- The submersible level transmitter measures the height of liquid above the position in the tank, well or bore hole, referenced to atmospheric pressure
- Slim body design - ideal for narrow space applications
- Good chemical compatibility and lightning and surge protection

