



Hydronix

The *ultimate* microwave moisture measurement systems for concrete and asphalt batch plants

Product range



THE ORIGINAL – THE LEADERS – THE BEST

Hydronix products at a glance

Hydro-Probe II

Digital microwave moisture sensor for measurement in sand and aggregates.

For online moisture measurement in flowing materials the Hydro-Probe II provides the highest possible accuracy and range of measurement.



Hydro-Mix VI

Digital microwave moisture sensor for measurement in fixed pan and twin shaft mixers.

Detecting rapid changes in moisture, the Hydro-Mix VI achieves the highest possible accuracy of measurement.



Hydro-Probe Orbiter

The Hydro-Probe Orbiter is the most innovative sensor to reach the market.

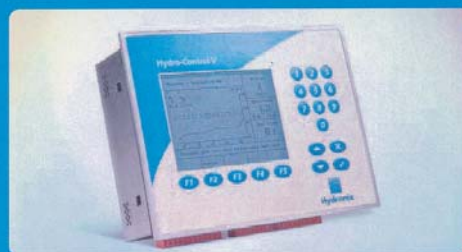
This is a static microwave sensor for rotating pan mixers or a rotating sensor for static pan mixers. The Hydro-Probe Orbiter provides a rapid and representative measurement of moisture content and temperature.



Hydro-Control V

Water control system for mixer applications.

The Hydro-Control V, operating with the Hydro-Mix VI or Hydro-Probe Orbiter precisely controls the addition of water in the mixer.





- Easy to install with many fixing options.
- Easy to calibrate and easy to interface with external control systems.
- Sensors have matching characteristics and may be interchanged without recalibration.
- Rugged and durable, will last for many years.
- Temperature measurement.



- Built to withstand the harsh environment of the concrete mixer.
- Easy to replace tough ceramic faceplate if accidentally damaged.
- Easy to install with many fixing options for a wide variety of mixers.
- Easy to interface with external control systems.
- Temperature measurement.

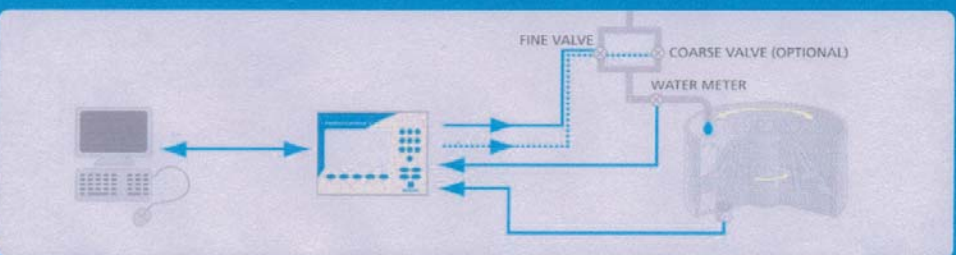
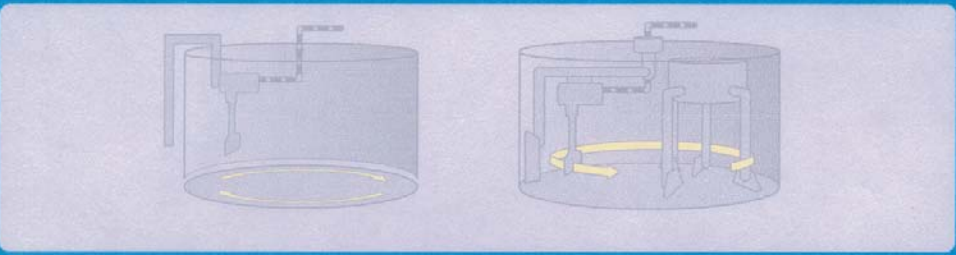
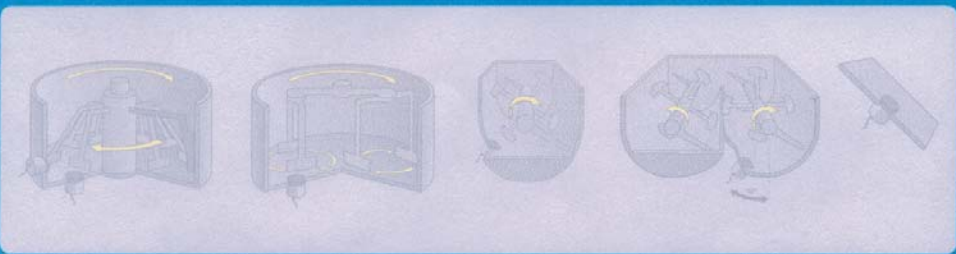
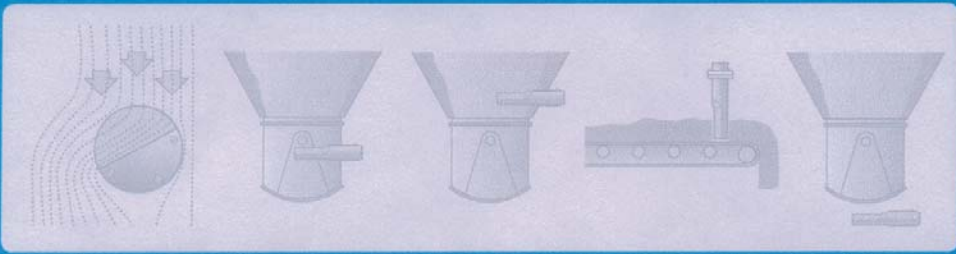


- Sensing head slices through the material giving fast, stable readings not affected by mixer blades.
- Rapid response temperature measurement.
- Replaceable sensing arm, separated from main electronics.
- Links directly by RS485 to Hydro-Control V.



- Compact, powerful, easy to install and easy to use.
- Communicates directly with Hydronix sensor.
- Easy system integration using RS232.
- Flexible with three control modes to ensure optimum performance.
- Stand alone or integrated with batch control system.
- On-board digital inputs/outputs

WWW.HYDRONIX.COM



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Why Hydronix?

Hydronix is the leading and largest supplier of microwave moisture measuring equipment to the concrete and asphalt industry in the world.

Hydronix developed the unique digital microwave moisture measurement technique.

Hydronix sensors have an unrivalled reputation for accuracy of measurement, robust construction and reliability in use.

Hydronix has an unsurpassed reputation for customer service and technical support around the world.

Hydronix products have the flexibility to seamlessly integrate with any control system.

Hydronix provides a cost-effective solution to improve quality, reduce waste and save costs.

HYDRONIX – DEFINING THE STANDARDS OF MOISTURE MEASUREMENT

Hydro-View

Moisture display and sensor interface unit.

The Hydro-View powers the sensor and, using a simple to use calibration technique, displays the instantaneous or average moisture content. May be used as a stand alone system or integral part of a batch control system.



USB Sensor Interface Module

Easy interface between a Hydronix sensor and a computer.

Ideal for sensor diagnostics, configuration and software upgrades using Hydro-Com software. The kit is supplied complete with cables and a power supply.



Hydro-Com

Sensor calibration and configuration software.

For easy sensor configuration, calibration and diagnostics the Hydro-Com software can be downloaded free of charge from our website www.hydronix.com



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Further information about Hydronix sensors

- Highest possible accuracy of measurement using the unique Hydronix digital microwave technique over the widest possible range of moisture contents.
 - Fast response to changing conditions with internal filtering to provide meaningful readings.
 - Sensor temperature reading available.
 - Remote communication with Hydro-Com software allows configuration of all sensor parameters including software upgrades.
 - Ease of interfacing with other systems with selectable linear outputs (analogue or digital) to suit all requirements.
- Easily calibrated either internally or in control system.
 - Consistent performance with no need for recalibration other than use with different materials.
 - Rugged construction with stainless steel casings and specially formulated ceramic faceplates the sensors will perform reliably for many years. Now with more than 35,000 operating in over 50 countries.

Technical information

- Full technical information including all installation manuals and operating instructions available as downloads from www.hydronix.com



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