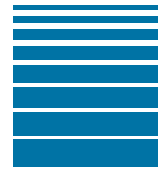


Microwave Moisture Measurement



Hydronix



**Digital
sensors for
aggregates,
concrete &
asphalt**

About Hydronix

Established in 1982, Hydronix specialises in the research, development, and manufacture of digital microwave moisture measurement systems. Our products are used to reduce manufacturing costs and to improve the quality of the finished product. Hydronix has developed a unique range of sensors tailored to achieving high precision measurement in a wide range of installation locations.

At Hydronix, we are proud to build on our four pillars, which combine to deliver key business benefits.



Commitment to Excellence



Innovation



Worldwide Expert Network



Technology

Benefits of moisture control



Control moisture, improve production, reduce cost and environmental impact.

Hydronix offers a range of digital microwave sensors for use in the aggregate processing, asphalt and concrete production.

Our range offers a choice of installation and temperature options enabling a sensor to be positioned in many locations where moisture needs to be measured.

Our sensors are low maintenance and have a rugged, hard-wearing design especially suitable for abrasive materials.



Hydro-Probe

- For aggregate bins and conveyor belts
- Shape ensures good flow of material for precise measurement



Hydro-Mix

- For mixers and conveyors
- Replaceable ceramic
- Enables high precision moisture control



Hydro-Probe Orbiter

- For rotating pan mixers
- Arm available in different lengths
- Enables high precision moisture control



Thermo-Tuff

- Rugged temperature sensor for bins and mixers
- Easy installation
- Measurement from 0°C to 80°C



Hydro-Control

- For mixer water control
- Simple to integrate
- Enables precision water addition



Hydro-Hub

- Manage Hydronix sensors
- Connect via common web browsers
- Flexible integration options



Hydro-View

- Display and manage Hydronix sensors
- 10.1" colour touchscreen
- Intuitive user interface



Installation Options

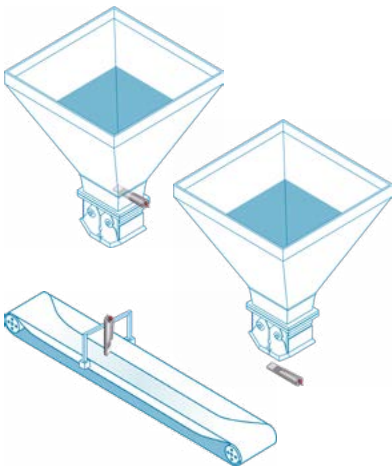
Hydronix sensors can be mounted in many different locations throughout the process.



Hydro-Probe

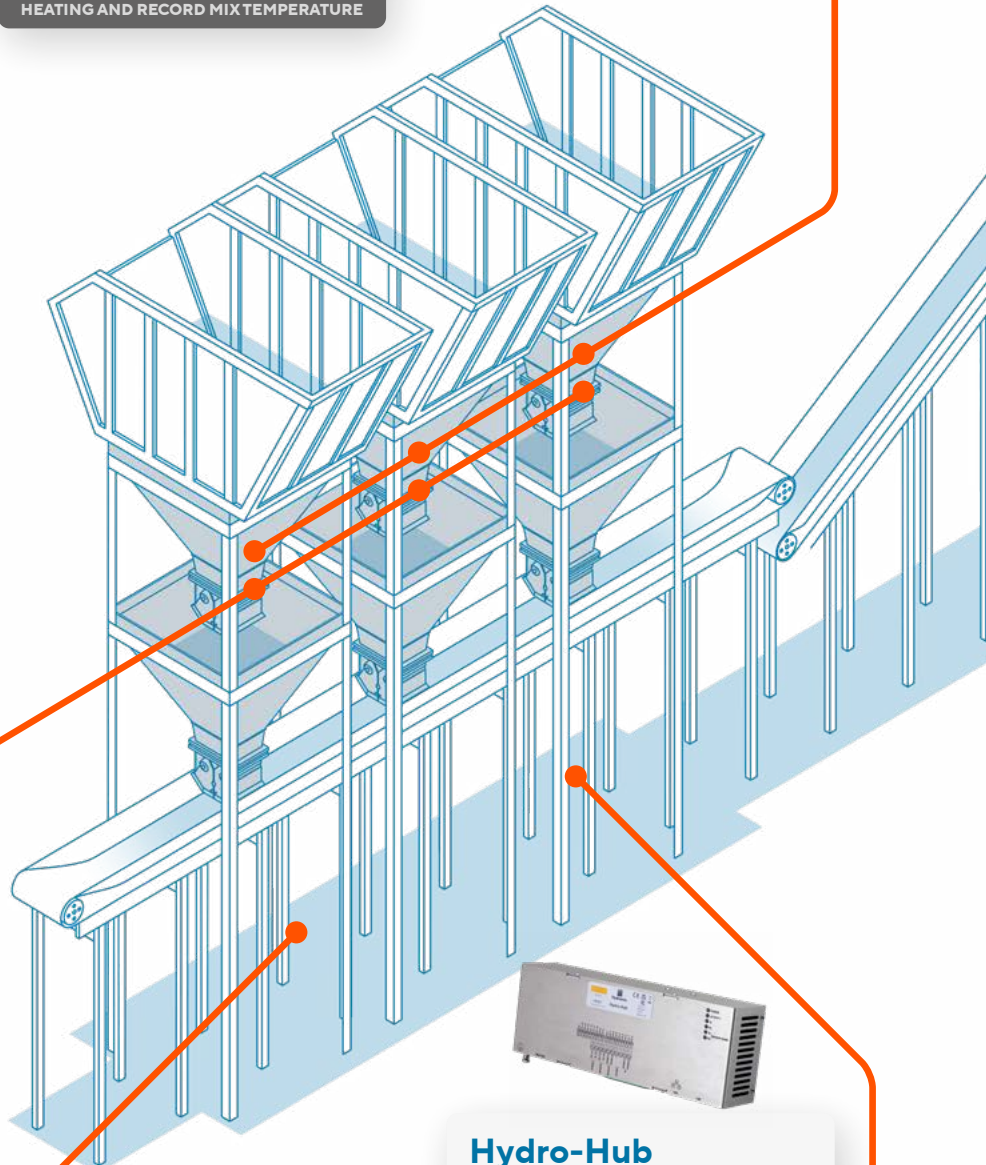
MEASUREMENT TO CONTROL RAW MATERIAL WEIGHT

Installation options



Thermo-Tuff

MEASUREMENT TO CONTROL MATERIAL HEATING AND RECORD MIX TEMPERATURE



Hydro-View

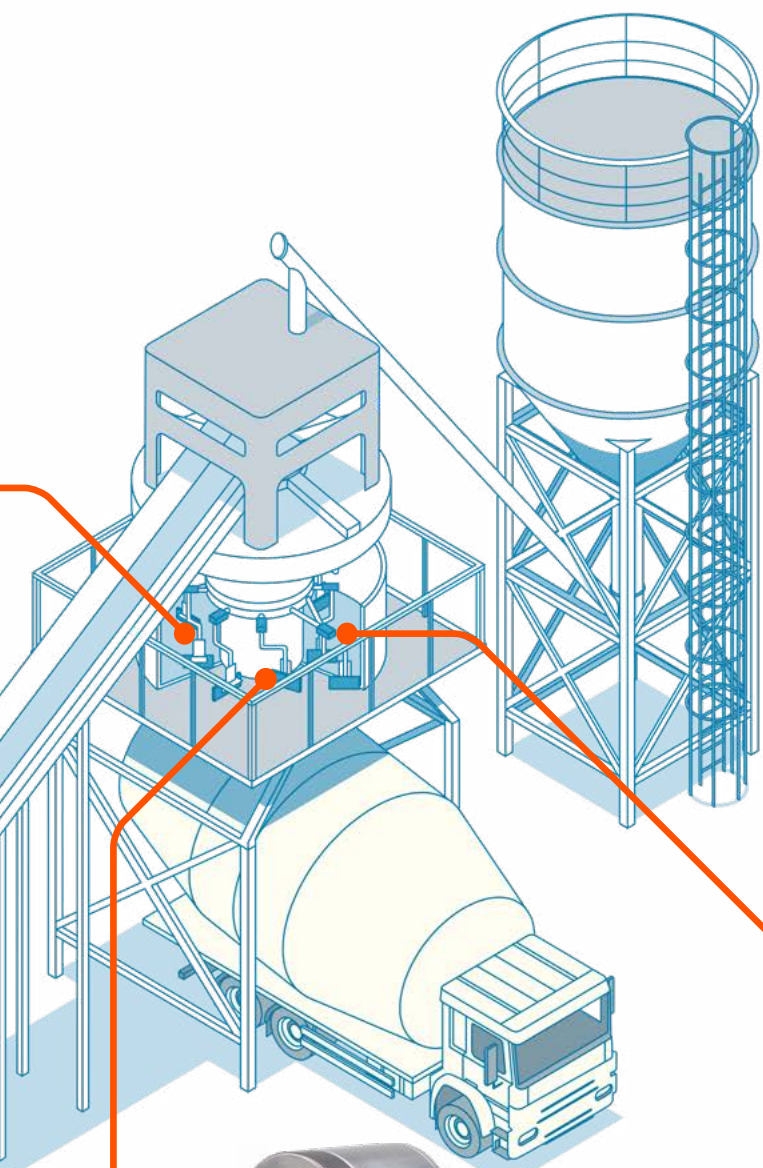
DISPLAY AND MANAGE MOISTURE SENSORS OVER THE NETWORK



Hydro-Hub

MANAGE MOISTURE SENSORS OVER THE NETWORK





Hydro-Control

PRECISE CONTROL OF WATER ADDITION



Hydro-View

DISPLAY AND MANAGE MOISTURE SENSORS OVER THE NETWORK



Hydro-Hub

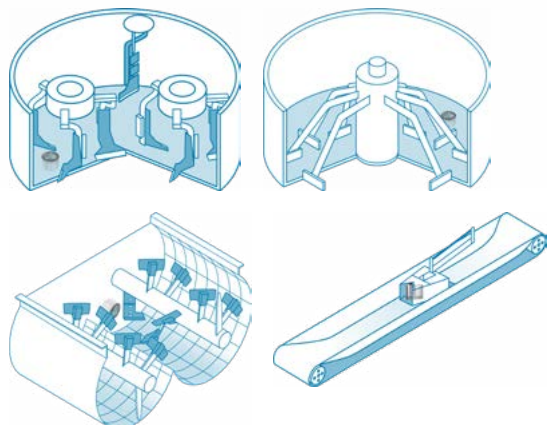
MANAGE MOISTURE SENSORS OVER THE NETWORK



Hydro-Mix

MEASUREMENT TO MONITOR WATER ADDITION AND MIX HOMOGENEITY

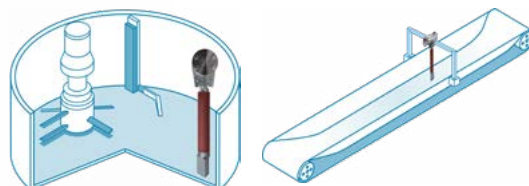
Installation options



Hydro-Probe Orbiter

MEASUREMENT TO MONITOR WATER ADDITION AND MIX HOMOGENEITY

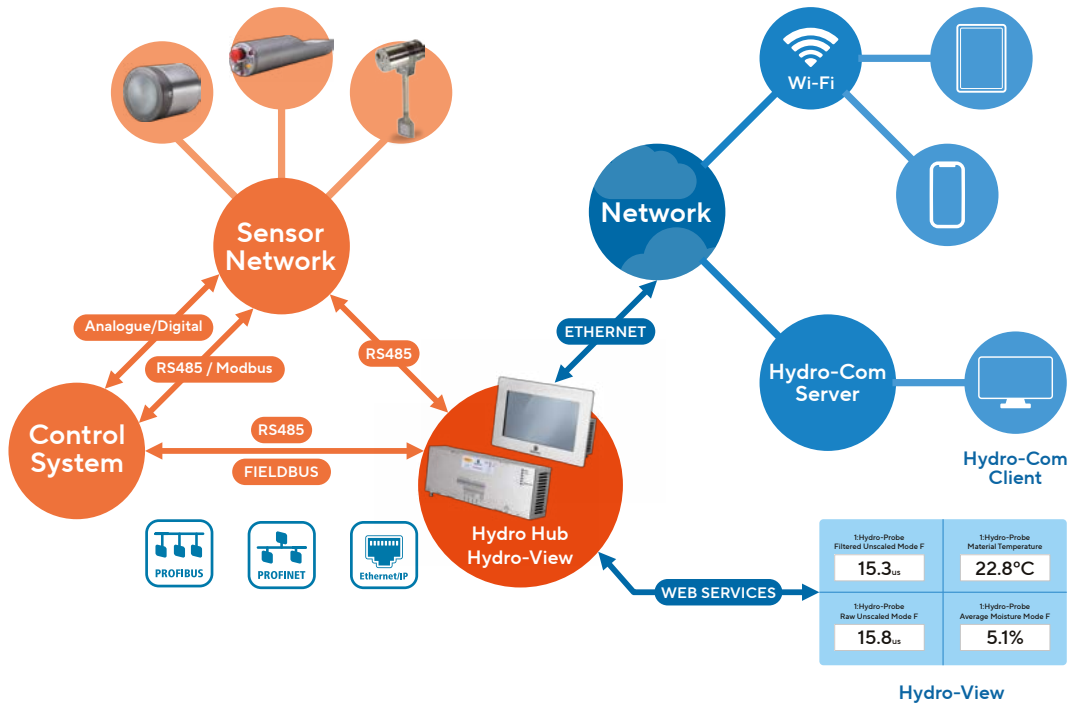
Installation options



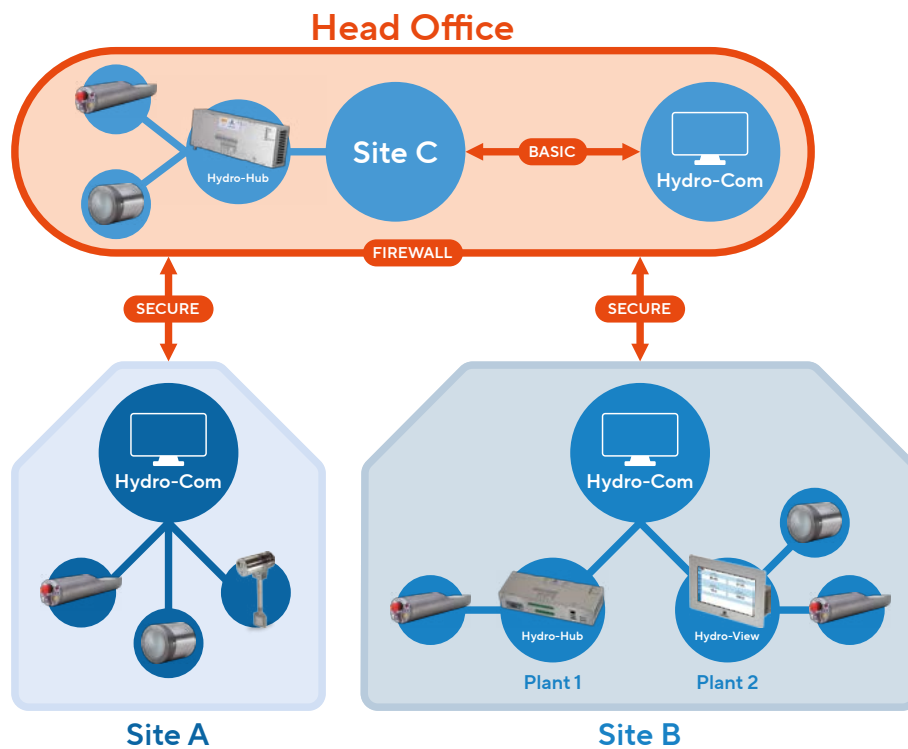
Connectivity

Combine Hydronix hardware & software solutions to control and monitor multiple sensor networks across site locations worldwide.

Connect your Plant



Connect your Locations



Some applications we work with:

Sand



Pulverised fuel ash



Coal



Mining



Asphalt



Aggregates



Ready-mix concrete



Precast concrete





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