

PRODUCT BROCHURE

XTDL-HT™

Optical Moisture Analyzer for high CO₂ applications



Typical Applications

- Annealing
- Brazing
- Carburizing
- Carbonitriding
- Hardening
- Sintering
- Carbon Restoration

The XTDL-HT™ is designed with a new proprietary optical sampling system for the dirty blanket gases in your Heat Treating applications that causes other analyzers to be damaged, readings to drift and a measurement that cannot be trusted as reported by our many customers after 30 years in this business.

Without accurate, repeatable and reliable moisture dew point measurement of these gases, your ability to control the finish of the parts will be inconsistent and lose revenue due to reworking the undesired finishes.

SPECIFICATIONS

System Highlights:	
Measurement Ranges	1000-25000 ppm H ₂ O -20.2 to 20.9°C Dew Point
Accuracy	±2%
Pressure Range	Operating: 0-30psiA
Temperature Range	Operating: -20 to 65°C
Temperature Range	-30°C to +50°C (-22°F to 122°F)
Inputs & Outputs (I/O)	<p>Touch keys operation for user interface</p> <p>Modbus RTU and Modbus/TCP support with high degree of control and monitoring</p> <p>RS-232, RS-485 serial communication</p> <p>Isolated interface option</p> <p>Ethernet communication</p> <p>Power over Ethernet support</p> <p>1 analog output</p> <p>High resolution (16-bit)</p> <p>4-20mA, 0-20mA, 0-24mA, 0-5V, 0-10V, ±5V, ±10V options</p> <p>Isolated output option</p> <p>2 relay outputs for status and fault monitoring</p> <p>Hermetically-sealed relays option</p>
Display	Ultra high contrast graphical
Electrical	Supply Voltage 90-264VAC 50-60Hz 10.5-60VDC option
Enclosure	Wall mounting Dimensions 16.8650" W x 20.000" H x 8.802" D Weight approximately 20Kg (53lbs) depending on options



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REVOLUTIONIZING MEASUREMENT

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