

**PRODUCT BROCHURE**

# XTDL-HT™

**Optical Moisture Analyzer for high CO<sub>2</sub> gas 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.

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

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

## PREMIUM INSIGHTS – GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights' products and solutions deliver innovative and differentiated analysis and measurement solutions and technologies that add high value to our customers and protect the environment.

Our commitment is to deliver smart and affordable innovation that optimizes process, improves safety, and transforms our world.

## CENTERS OF EXCELLENCE

PROVIDING PROVEN SOLUTIONS FROM A GLOBAL TECHNOLOGY LEADER

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