

TDLAS Optical Moisture Analyzer

XTDL-HT™



Heat Treating Applications

- Annealing
- Brazing
- Carburizing
- Carbonitriding
- Hardening
- Sintering

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 loose revenue due to reworking the undesired finishes.



MOISTURE DEW POINT ANALYZER

TDLAS Optical Moisture Analyzer

XTDL-HT™



Specifications

Measurement Range:

- 5000-18000ppm H₂O
- -2.3 to 15.8°C Dew Point

Accuracy:

- +/- 2%

Pressure Range:

- Operating: 0-30psiA

Temperature Range:

- Operating: -20 to 65°C

Inputs & Outputs (I/O):

- 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

Display:

- Ultra high contrast graphical

Electrical:

- Supply Voltage
 - 90-264VAC 50-60Hz
 - 10.5-60VDC option
- Power consumption: 16W

Enclosure:

- Wall mounting
- Dimension: 16.8650"Wx20.000"Hx8.802"D
- Weight: approximately 20Kg (53lbs) depending on options



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