

TMA-2100

Trace Moisture Analyzer

The TMA-2100 can accurately measure low levels of trace moisture in either PPMv or Degree C or F to -/+ 0.2C. It is very responsive and repeatable to 0.8C and easy to install.

The unit is offered with different ranges in either PPMv or C/F. If specific ranges are required or explosion (EX) proof requirements are needed, contact the factory.

- **Sensor**

The TMA-2100 uses a leading-edge Nano-sensor technology. The nanopore sensor measures the amount of water vapor molecules that have entered its pores

- **Calibration/Digital Interface**

NIST Traceable Calibration.
 Hart Protocol.
 Built-in self-test and diagnostics

- **Features**

- ✓ Easy and quick installation, no tools required
- ✓ -110C to 20C dew point sensor
- ✓ Protection for reverse polarity
- ✓ IP65 enclosure
- ✓ Remote mounted
- ✓ Flow through Stainless Steel sample chamber



Applications:

Medical
 Aerospace
 Gas Separator
 Semiconductors
 Natural Gas
 Air Dryers
 Petrochemical
 Industrial gas
 Power Generation
 Compressed Air

System includes:

Dewpoint sensor
 Stainless steel sample chamber with fittings
 Table top mounted display

Specifications

Measuring Range : see table below

Calibration : NIST traceable calibration

Accuracy : +/- 2% FSD T= const.

Response time : 95% step change in 3 minutes

Operating Temperature : -40 – 85C electronics
: -20C to 60C sensor

Pressure : 300 bar

Signal output : 4 -20 mA / DC

Alarm : 2 high/low alarms

Power : 90-265Vac

Sample Flow : > 1LPM

Display : 6 Digit Display

Sensor : Nano Pore Ceramic Technology

Housing : IP40 Enclosure
IP68 SS Sensor
IP67 Moulded Cable

Size : sensor; L; 3.25", DÍA: 1.62",

Sensor thread : 3/4"-16 and 1/4"NPT mount
With either thread

Material : wetted parts 316 stainless

Connection : 1/4" tubing

Weight : sensor; 6oz (0.17kg)0,3 kg

Ordering table

Description	Range
TMA-2100-P	0-1000ppm
TMA-2100-C	20C to -110C
TMA-2100-F	68F to -166F

Accessory:

- 0-5LPM adjustable flow meter



Display