



TECHNOVATION Analytical Instruments Pvt.Ltd

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Certified ISO 9001: 2000 by



CERT. NO. 217910

MODEL MTX-1P

THE INSTRUMENT

The TECHNOVATION MODEL MTX-1P DEWPOINT METER is portable and measures ppm of water vapour in 'dry' air or gas and digitally displays the consequent dewpoint temperature in the range -100°C dp to -0°C dp. The ppm H_2O equivalent of dewpoint $^{\circ}\text{C}$ is viewable using the push-button switch.

Model MTX-1P uses a 4-20mA moisture transducer which has a NIST traceable calibration certificate. It is known for its superior performance, simplicity of use and long service life.

FEATURES

- Digital Display in $^{\circ}\text{C}$ dp and in ppm H_2O equivalent.
- Sensor dessicator keeps the sensor dry for quick response at low ppm
- Highly stable and reliable sensor
- On/Off, LOW-BATT, Under-range, Over-range and Stable response indicators.
- Desiccant Removable, Replaceable, Regeneratable
- One alarm provided with relay contacts.
- Recorder output provided: 0-1 volt or 4-20 mA.
- Resistance to pressure shock.
- Suitable for corrosive gases, up to 5ppm of Cl_2 & 1000ppm of NH_3
- Inbuilt pressure reducer & gauges **optional**

APPLICATIONS

Process gas monitoring, Quality assurance, R&D applications, Pure gas ppm H_2O analyser, glove boxes. Ultra high purity gas moisture measurement.

PRINCIPLE OF OPERATION

The instrument uses a NIST traceable transducer and can be calibrated easily for the parameter used. Sensors are easily interchangeable and replaceable. Stored calibration data, in an on board processor memory, ensures optimum calibration accuracy.

PORTABLE DIGITAL DEW-POINT METER

LOW-COST DURABLE ACCURATE WITH AFTER-SALES-SERVICE



ACCESSORIES

Carrying case, Desiccant & Mains cord.

OPTIONS

- Power : Can be supplied to work on 220 VAC mains only.
- Recorder Output : Specify either 0-1 volt or 4-20mA

Optional Extras

- Pressure reducer : Single stage type. SS316, For max Inlet pressure 150Kg/cm^2 along with sample gas inlet & outlet gauges.