Moisture Pro Portable Dew Point Meter

emt
Insulating Gas Analysis & Handling

Accurate & smart survey meter for fast, reliable and accurate moisture determination in dry air, SF6 or Natural Origin Gas insulated electrical equipment assets.

High moisture levels in dry air, SF6 or Natural Origin Gas assets such as switchgear or breakers can lead to reduced asset life or potential catastrophic failure of the system.

The EMT Moisture Pro enables engineers to perform fast and accurate moisture surveys, to determine if further more detailed gas analysis is required.

An inbuilt pressure sensor also provides extra functionality for engineers to reference check their integrated analogue pressure gauges.

With smart features such as inbuilt 5MP camera, Bluetooth and predictive dew point analysis, the EMT Moisture Pro provides engineers with enhanced capability and efficiency.

Features

- **Portability –** Lightweight, hand held instrument for greater access & flexibility
- **Sensitivity –** Accurate measurements to -100°C Dewpoint (1ppmV)
- **Flexibility -** 8 hours continuous on one charge
- **Ease of Use -** Intuitive, easy to use touch screen operation
- **Smart Features:**
  - Predictive Dew Point
  - Integrated 5Mpxl Camera
  - Bluetooth Enabled
- **Additional Measurements –** integrated pressure & temperature sensors
- **Enhanced Data Logger –** records test result, operator notes and photos of test points from inbuilt camera

Benefits

+ Measure Dew point, temperature and pressure on one device to save time on site
+ Integrated camera to add visual records to your reporting process
+ Predictive dew point analysis feature reduces time to final result increasing efficiency
+ Hand held, light weight design increases flexibility and ergonomics whilst working
+ Large 3.5" backlit colour touch screen with intuitive presentation ensures ease of use

Option: wireless printer used to print the measurement results on site. Perfect solution for quick audits.

For more information or a demonstration contact **sales@emt.global** or visit **www.emt.global**

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Technical Specification

Measuring Range	**Standard:** -100 to +20°C Td
	Pressure*: 0 to 15 Barg (0 to 215psi)
	Temperature: -30 to +50°C, (-22 to 122°F)
Temperature Sensor	Pt100
Accuracy	**Dew point:** +/- 1°C Td (0 to 20°C Td) +/- 2°C Td (-70 to 0°C Td / +20 to +50 °C Td) +/- 3°C Td (-100 ... -70°C Td)
	Temperature: +/- 0.3°C
	Pressure: 0.5% FS
Measured units (selectable)	Ppmv, oC Td, oC Tdatm (@zero pressure), % RH
Operating Pressure	-1 to 15 Bar (g), (-14 to 217psi)
Measured gas (Medium)	SF6, Air, CO2 and N2
Operating Parameters	**Temperature:** 0 to +40 °C (32 to 104oF) **Humidity:** 0 to 80 % rH

Weight	Instrument weight <2.5Kg (5.5lb)
Battery	**Operating time on one charge:** ~8Hr **Charging time until full:** ~3Hr
Interface	USB-C (charging and data transfer), wireless printer
Display	3.5" color LCD Touch screen
Camera	Integrated 5.0 Megapixel
Logger	Integrated mass storage for 100 Million values

*at least 0.3 MPA is needed for the measuring chamber supplied with the instrument. For low pressure measurements below 0.3 MPa please choose the by-pass measuring chamber.

For details of your local EMT distributor, for further information on our products or to request a demonstration please contact us:

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