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TRI-MET DIGITAL DEW POINTER

MODEL TMA-880D-3



INTRODUCTION: The Model TMA-880D-3 Dew Point Indicator is easily operated, and covers a wide range, from wet to super dry atmosphere (Room Temperature to -100°F). The Dew Point is determined by condensation at a given temperature. The sample gas is cooled until the saturation point is reached; this is Dew Point. It is particularly effective in determining minus range Dew Points, a region where most methods lose accuracy or become inoperative. The Direct Reading Digital feature, Accuracy, Portability, N.I.S.T. Traceability, and Nontechnical Background required for its operation make the Model TMA-880D-3 unique.

OPERATION: The atmosphere being sampled is passed over a highly polished stainless steel mirror and is chilled by a controlled jet of carbon dioxide (This is known as the Dew Cup Method). The temperature of the mirror is indicated on a Direct Reading Digital Memory Meter. The user activates the memory meter when condensation appears on the mirror, giving a true Dew Point reading.

SPECIFICATIONS		FEATURES	GASES	APPLICATIONS
Range:	Basic Range: -100°F to room Temperature, using CO ₂ as cooling agent.	N.I.S.T. Traceability	Ammonia	Calibration Work
Power:	Rechargeable Battery or 110-125 VAC 50/60 HZ	Absolute Measurement of Moisture Content	Argon	Laboratories
Accuracy:	1% of Span	Direct Reading in Fahrenheit	Endothermic	Aerospace
Reproducibility:	Range: -100°F to 75°F ±2°F	Lock Type Memory Meter	Exothermic	Welding Gases
Ambient Temp. Limits:	Sample Gas: up to +160°F	Practically Maintenance Free	Helium	Drying Systems
Pressure Range:	20 PSIG MAX	Completely Portable	Nitrogen	Chemical Processing
Read Out:	Digital Memory Meter	Fast Response Time	Argon	



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- Model:** Complete Unit with Accessories: TMA-880D-3
Digital Meter Only: TMA-880D-3-P
- Range:** Room Temperature to -100°F
- Accuracy:** ±1% of Span
- Power:** Rechargeable Battery, 110-125 VAC 50/60 HZ
- Features:** N.I.S.T. Traceable or ISO/IEC 17025 Accredited Calibration
Low battery warning light
Direct digital display with locking meter and portable case

Accessories Included with Complete Unit:

- Empty 20# CO2 cylinder and plastic sample hose
- Stainless steel coolant hose and pressure regulator
- Equipment cart, 4 wheel cart with mounting provisions for 20# CO2 cylinder
- Shelves for hoses and Dew Pointer