

KEY FEATURES

- ✓ First Principle Chilled-mirror measurement
- ✓ Highly Reliable
- ✓ Distinguishes Between Hydrocarbon and Water
- ✓ No Consumables
- ✓ Self cleaning
- ✓ Immune to Most Contaminants
- ✓ No Calculation Errors
- ✓ Fully Automated

World's Only Automated, Portable, Water and Hydrocarbon Dewpoint Analyzer

- Simultaneous Determination of Moisture and Hydrocarbon Dewpoints within 1 °F/ (±0.5 °C)
- Inert Nature of the CEIRS™ Sensor Crystal Means Virtual Immunity to Contamination by Entrained Fluids
- Direct, First Principal Measurement Means Modeling and Calculations are a Thing of the Past
- NIST Traceable Dewpoint Temperature Sensor
- No Carrier Gas



SPECIFICATIONS

Performance

Dewpoint Measurement Range	Up to 108°F (60 °C) below ambient temp.
Lowest Detectable Dewpoint	-31 °F (-35 °C)
Highest Detectable Dewpoint	19°F (10 °C) below ambient temp.
Dewpoint Accuracy	±0.9 °F (±0.5 °C)
User Interface	Integrated Touch-Screen Control
Measurement Time	2-15 Minutes

Application Condition

Operating Temperature	-4 to 131°F (-20 to +55°C)
Storage Temperature	-22 to 149°F (-30 to +65°C)
Input Pressure	Up to 1500psi (103bar)
Output Pressure	25 psi
Flow Rate	2 SLM

Electrical and Communication

Input Voltage	9-28 VDC, AC Adapter Available
Power Usage	120W Peak, <30W Average
Battery Pack	Optional
USB Port Data Logging	Last 1000 Measurements

Physical

Size (without sample system)	14.8"x18.7"x7" (375x475x180mm)
Weight	15lbs (7Kg)

Certification

Hazardous Location	General Purpose Only
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