DewPort™

Portable water and hydrocarbon Dewpoint Measurements

IMAC

Now for the first time, incorporated within a single device, DewPort™ allows measurement of hydrocarbon and moisture dewpoints in a portable instrument.

DewPort™ patented CEIRS™ (Chilled-Evanescent IR Spectroscopy) Technology benefits users by:

- Simultaneous determination of moisture and hydrocarbon dewpoints within $< 1\ °F/\ (\pm 0.5\ °C)$
- Inert nature of the CEIRS™ sensor crystal means virtual immunity to contamination by entrained fluids
- Fast, continual measurements
- Direct, first principal measurement means modeling and calculations are a things of the past
- NIST traceable dewpoint temperature sensor
- No moving parts, carrier gas, consumables nor concerns over fouling by contaminants, slugs and aerosols.
- Samples are taken at line pressure

DewPort™ has the same unprecedented accuracy and reliability of DEWPOINT DUO™, its on-line counterpart. It has been extensively tested, and provides virtually maintenance free operation.

To learn more about the DewPort™ and other ZEGAZ Instruments' products, contact your authorized representative or visit our website.

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SPECIFICATIONS

Performance

Dewpoint Measurement Range	Up to 108°F (60 ^{o}C) below ambient
Lowest Detectable Dewpoint	-22 ^{o}F (-30 ^{o}C)
Dewpoint Accuracy	±0.9 ^{o}F (±0.5 ^{o}C)
Measurement Time	2-15 minutes
User Interface	Integrated Touch-Screen control

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	9-36 VDC, AC adapter available
Power Usage	100W 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