Pinless Moisture/Relative Humidity Meter With Infrared Thermometer **RH297 METER LINK F** RoHS **1 YEAR** WARRANTY 🚯 Bluetooth **OE OMEGA** Quick Indication of **Moisture Content** HIGH INT REL Without Surface MOIST Damage Manual Storage Up to APO 20 Labeled Readings ✓ Large Easy-To-Read 16 **Backlit Dual Display** 59. with Fast Analog Bargraph Pinless Measurement RH MODE MOIST Depth to 19 mm (0.75") COND ZERO Add wireless communication with OMEGA® thermal Below the Surface 406 Dew Point, Vapor imaging camera OSXL-T620, see omega.com/osxl-t620 Pressure and for details. Moisture + Humidity • B Temperature **Condensation Point** Measurements STORE ✓ Pin-Type Probe AL ARM Allows for Moisture SEND 8 **Readings at Different** RECALL **Penetration Levels** Infrared Design to METERLINK Measure Non-Contact Surface Temperature: 8:1 Distance to Spot RH297 Ratio with 0.95 Fixed Emissivity RH297 shown smaller than actual size. ✓ Built-In Humidity/ **Temperature Probe** built-in probe plus non-contact **Measures Relative** The RH297 pinless moisture infrared temperature with built-in Humidity, Air meter incorporates a built-in infrared design. Simultaneously infrared thermometer and 20 point **Temperature Plus** displays moisture value of wood memory. Manually store/recall up Grains Per Pound (GPP) or material being tested, air to 20 labeled readings and monitor temperature, infrared temperature, and Dew Point (DP) moisture in wood and other or relative humidity. Advanced ✓ Programmable High/ building materials with no surface functions provide grains per damage with the pinless moisture Low Moisture/ pound, dew point, vapor pressure sensor. Remote pin-type probe is **Humidity Alarms** calculations and programmable also included which allows high/low moisture/humidity alarms. Ambient and Surface for contact moisture readings Features automatic calculation of Vapor Pressure [0.9 m (3') cable length]. differential temperature (IR-DP) ✓ Minimum/Maximum The RH297 has an easy-to-read, to determine condensation point. large dual display with automatic and Data Hold The RH297 meter is shipped fully

Auto Power Off and Low Battery Indication backlight feature and fast analog

bargraph. Measure relative

tested and calibrated, and with

reliable service.

proper use, will provide years of

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Manual data collection is time-consuming and prone to errors. METERLINK eliminates this problem by allowing the thermographer to quickly take moisture readings on a damaged surface and associate those readings with the corresponding targets stored in an infrared image.



Pin-type probe allows for moisture readings at different penetration levels.



Collecting moisture readings on damaged surfaces and associating them with regions on an infrared image can be a complicated and cumbersome process.

Specifications

Function	Range	Accuracy
Pinless Moisture	0 to 99.9	Relative only
Pin Moisture Probe	0 to 99.9	Relative only
Pinless Depth	Up to 19 mm (0.75")	
RH Measurement	0 to 10%	±3% RH
	11 to 90%	±2.5% RH
	91 to 100%	3% RH
Air Temperature	-29 to 77°C (-20 to 170°F)	±2.0°C (3.6°F)
IR Temperature	-20 to -0.5°C (-4 to 31°F)	±5°C (±9°F)
	0°C (32°F)	1.1°C (±2°F)
	0.5 to 200°C (33 to 392°F)	Greater of ±3.5% or ±5°C (±9°F)
	-20 to -1°C (-4 to 30.2°F)	±4.5°C (8.1°F)
	0°C (32°F)	±1°C (1.8°F)
	1 to 200°C (33.8 to 392°F)	Greater of ±3.5% or ±4.5°C (8.1°F)

Display: 3-digit primary display, 4-digit secondary display Vapor Pressure: 0 to 20.0kPA, calculated from temperature and RH measurements Dew Point: -30 to 100°C (-22 to 199°F) Mixing Ratio: 0 to 999 GPP (0 to 160g/kg) Sample Rate: 2 per second Backlight: White LED Memory: 20 point memory Bluetooth Range: Approximately 10 m (32') Operating Temperature: 4 to 43°C (40 to 110°F) Storage Temperature: -30 to 60°C (-14 to 140°F) Operating Humidity: 90%, 0 to 30° C (32 to 86° F), 75%, 30 to 40° C (86 to 104° F), 45%, 104 to 122° F (40 to 50° C) Storage Humidity: 90% Power Supply: 9V battery (included) Battery Life: 6 to 8 weeks (4 hours/day use), using alkaline batteries Auto Power Off (APO): After 30 minutes (nominal) inactivity; APO function can be disabled by the user APO Quiescent Current: $50 \ \mu$ A maximum Dimensions: $165 \ x \ 70 \ x \ 38 \ mm \ (6.5 \ x \ 2.8 \ x \ 1.5")$ Weight: $210 \ g \ (7.4 \ oz)$

To Order Visit omega.com/rh297 for Pricing and Details		
Description		
Pinless moisture/relative humidity meter with infrared thermometer		
Replacement pin moisture probe		

Comes complete with pin moisture probe with 0.9 m (3') cable, 9V battery, soft pouch case, and operator's manual. Ordering Example: RH297, pinless moisture/relative humidity meter with infrared thermometer. OCW-3, OMEGACARESM extends standard

1-year warranty to a total of 4 years.