M18-400 Multi-Function Moisture Meter

This meter is a series of moisture/humidity meters with built-in infrared (IR) temperature sensing. It is a powerful and versatile instrument for measuring and diagnosing dampness in buildings and building materials.

1631-6527

▶ *Quickly indicates the moisture content of materials with pinless technology without damaging the surface; remote pin-type probe allows for moisture reading at different penetration levels (3ft./0.9m cable length)*

▶ *Easy-to-read, large dual display with backlit feature*

▶ *Simultaneously displays moisture of wood or material being tested and air temperature, IR temperature, or humidity*

▶ *IR design to measure non-contact surface temperature; 8:1 distance to spot ratio with 0.95 fixed emissivity*

▶ *Built-in humidity/ temperature probe measures relative humidity, air temperature plus grains per pound (GPP), and dew point (DP)*

▶ *Automatic calculation of differential temperature (IR - DP)*

▶ *Min/Max and Data Hold*

▶ *Auto power off and low battery indication*

▶ *Memory function*

Item	Description
1631-6527	OmniPro M18-400 Multi-Function Moisture Meter
1632-6528	OmniPro M18-410 Accessory Kit & Case

SPECIFICATIONS

Humidity Specifications

Function	Range	Accuracy (of reading
RH Measurement 10-50°C (50-122°F)	0-99.9%	±2%
Air Temperature	-4 to 158°F (-20° to 70C)	±0.5°C/0.9°F)

Moisture Meter Specifications

Function	Range	Repeatability
Pinless Moisture	0-99.9%	±5%
Ext. Pin Moisture	0-99.9%	±5%

IR Temperature Specifications

IR TEMP. Range	-20° to 200°C (-4 to 392°F)	
Emissivity	fixed for 0.95	
Optical Resolution	D/S = 8:1 (D=distance, S=spot)	
Accuracy (of reading)	-20° to -1°C 9 (-4 to -31°F)	±5°C (9°F)
	0°C (32°F)	±1°C (1.8°F)
	1 to 200°C (33° to 392°F)	±2%±2°C (3.6°F)

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OMNIPRO

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