

FIELD Environmental Instruments

Equipment Rental and Field Supplies

OAKTON

Thermohygrometer Kit

"Your Needs Are Our Business"

Toll-Free
800-393-4009



Take temperature and humidity measurements both indoors and out! Choose from two meters. One model reads dewpoint, relative humidity and temperature, the economical model reads relative humidity and temperature.

These microprocessor-based meters have push-button operation for max/min memory storage, memory, high and low setpoint audible alarms for temperature and RH, hold and °F/°C readout. Kit includes meter, probe, 33% RH and 75% RH calibration salt (NIST traceable) bottles, four 1.5 V AA batteries, hard plastic carrying case and operating instructions.

FEATURES

Meter's dual display shows humidity and temperature
MAX/MIN memory recall function

Push-button two-point auto-calibration

High/low set point alarms

Analog recorder output to create hard copies of your data

SPECIFICATIONS

Humidity Resolution: 0.1% RH

Humidity Accuracy: $\pm 2\%$ from 0 to 95% RH at room temp.,
 $\pm 3\%$ from 95 to 100% RH

Humidity Output: 0 to 1 V, 10 mV / 1% RH

Humidity Sensor: electronic capacitance polymer film

Humidity Response time: ten seconds (90% response)

Dewpoint Range: -51.0 to 49.0°C (-60.0 to 120.0°F)

Dewpoint Resolution: 0.1°C or °F

Dewpoint Accuracy: $\pm 2.0^\circ\text{C}$ ($\pm 4.0^\circ\text{F}$)

Dewpoint Sensor: electronic capacitance polymer film

Dewpoint Output: 0 to 1 V, 10 mV / 1% RH

Dewpoint Response time: ten seconds (90% response)

Temperature Range: 0.0 to 50.0°C (32.0 to 122.0°F)

Temperature Resolution: 0.1°C or °F

Temperature Accuracy: $\pm 0.6^\circ\text{C}$ ($\pm 1.0^\circ\text{F}$)

Temperature Sensor: thermistor type

Temperature Output: 0 to 2 V, 40 mV/°C (10 mV/°F)

Temperature Response time: one minute

Temperature limits: 0.0 to 50.0°C (32.0 to 122.0°F) for RH readings

Display: dual LCD

Power: 4 x 1.5 V AAA batteries, 50 hours continuous use

Dimensions: 7.5" x 3.5" x 1.75" (19 x 9 x 4.5 cm)

Shipping weight: 4 lb (1.8 kg)

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Visit us soon on the web
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Inquiries and
orders
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	Humidity	Temperature	Dewpoint (WD-35612-10 only)
RANGE	0 to 99.9% RH	0.0 to 50.0 C 32.0 to 122.0 F	-51.0 to 49.0 C -60 to 120.0 F
RESOLUTION	0.1% RH	$\pm 0.1^\circ\text{C}$ or F	$\pm 0.1^\circ\text{C}$ or F
ACCURACY	$\pm 2\%$ from 0 to 95% Rh at room temperature; $\pm 3\%$ from 95 to 99.9%RH	$\pm 0.6^\circ\text{C}$ $\pm 1.0^\circ\text{F}$	$\pm 2.0^\circ\text{C}$ $\pm 4.0^\circ\text{F}$
SENSOR	electronic capacitance polymer film	thermistor-type	-----