

presents...

OAKION[®] Thermohygrometers and Barometers

Use these economical instruments for long-term temperature, relative humidity and barometric pressure monitoring at a glance!

A. Basic Wall-Mount **Thermohygrometer**

Compact design—only 4.1" diameter! Use this economical thermohygrometer for relative humidity and temperature readings in your lab, office, or computer room. This thermohygrometer features a °F/°C alcohol-filled thermometer. No batteries or external power required.

B. Low-Cost Wall-Mount Thermohygrometer

Our most economical thermohygrometer! This instrument features easy-to-read dial indicators for both humidity and temperature in °C. Use for monitoring indoor room conditions. No batteries or external power required.

C. Wall-Mount **Thermohygrometer** with Digital Thermometer

Digital °C/°F selectable temperature display with 0.1° resolution! Monitor both the humidity and temperature of your office, laboratory, greenhouse, food storage or computer room environments. This thermohygrometer remains accurate and stable without maintenance or adjustments. Analog humidity display; 1/2"H LCD temperature display. Supplied with one AA 1.5 V battery, corrosion-resistant plastic case, mounting bracket, and instructions.

D. Large-Dial Wall-Mount Thermohygrometer

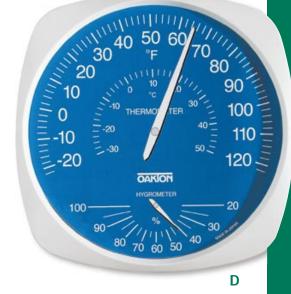
Big 10" diameter display is easy to read from a distance. Unit reads relative humidity and temperature, features a dual °F/°C display and requires no batteries or power! Attractive plastic case and blue and white dial design make this a decorative and functional addition to the lab or office

E. Wall-Mount Barometer with **Digital Thermometer**

Digital °C/°F selectable temperature display with 0.1° resolution! Plus, two scales display air pressure readings in both millibar (mbar) and inches Hg. Barometer is encased in a corrosion-resistant plastic housing. Analog barometric pressure display; ½"H LCD temperature display. Supplied with one AA 1.5 V battery, mounting bracket, and instructions.











F. Aneroid Barometers

Provides temperature compensated barometric pressure readings. These highquality barometers are ideal for measuring impending weather changes—they accurately measure atmospheric pressure from sea level up to 2000 feet. They also simultaneously monitor temperature with a built-in glass thermometer. They require no batteries or external power. Bimetallic temperature compensation preserves pressure reading accuracy at any temperature.

Choose from mbar/mm Hg or mbar/inches Hg models. Both models feature an attractive brass case and include a bezel for easy bulk-head mounting.



OAKTON Thermohygrometers and Barometers

• Applications •

Use these instruments for long term monitoring of relative humidity, barometric pressure and temperature in indoor environments, including:

laboratories

computer rooms

libraries

· cold rooms

offices

· food storage rooms

· warehouses

schools

greenhouses

museums

homes

· and more!



• Specifications / Ordering Information •



Model no.

A. WD-03313-70 Basic Thermohygrometer



B. WD-35700-10 Low-cost Thermohygrometer



C. WD-35700-00 Wall mount Thermohygrometer with digital thermometer

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D. WD-35700-20 Large Dial Thermohygrometer



E. WD-03316-80 Wall mount barometer with digital thermometer



F. WD-03316-70 Aneroid barometer with "Hg readout

F. WD-03316-72 Aneroid barometer with mm Hg readout

			, , ,			with min rig readout
Relative Humidity						
Range	20 to 99% RH	10 to 90% RH	20 to 100% RH	20 to 100% RH	_	_
Resolution	1% RH	1% RH	2% RH	5% RH	_	_
Accuracy	±3% from 20 to 50°C; ±5% RH beyond	±5% RH from 15 to 25°C	±4% from 20 to 90% RH; ±8% from 90 to 100% RH	±5% RH from 15 to 25°C	_	_
Sensor	synthetic hair	synthetic hair	human hair bundle	synthetic hair	_	_
Barometric pressure						
Range	_	_	_	_	945 to 1045 mbar / 27.5" to 30.9" Hg	WD-03316-70: 27.5" to 31.6" Hg WD-03316-72: 698 to 802 mm Hg both: 930 to 1070 mbar
Resolution	_	_	_	_	0.5 mbar / 0.1" Hg	WD-03316-70: 0.1" Hg WD-03316-72: 1 mm Hg both: 1 mbar
Accuracy	_	_	_	_	±1 mbar / ±0.1" Hg	WD-03316-70: ±0.03" Hg WD-03316-72: ±1 mm Hg both: ±1 mbar
Temperature						
Range	−20 to 50°C / −4 to 120°F	-20 to 40°C	-18 to 72°C / 0 to 160°F	-30 to 40°C / -22 to 122°F	-20 to 60°C / -4 to 140°F	both: -10 to 50°C WD-03316-70: 14 to 122°F
Resolution	1°C / 2°F	1°C	0.1°C or °F	1°C or 2°F	0.1°C or °F	both: 0.1°C WD-03316-70: 0.1°F
Accuracy	±5°C / ±10°F	±2°C	±1°C / ±1.8°F	±2°C / ±3.6°F	±1°C / ±1.8°F	both: ±1°C WD-03316-70: ±1.8°F
Sensor	alcohol-filled glass thermometer	metal coil	solid state (digital) 3-digit LED	metal coil	solid state (digital) 3-digit LED	alcohol-filled glass thermometer sensor and bimetallic strip for temperature compensation
Power	none required	none required	one AA battery	none required	one AA battery	none required
Dimensions	4.1" dia x 0.7"D	5" dia x 1"D	5" dia x 1.1"D	10.75" dia x 0.7"D	5" dia x 1.1"D	6.1" dia x 2"D
Shpg wt	0.3 lb	0.3 lb	2 lbs	0.5 lb	2 lbs	3 lbs

ORDER FROM

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http://www.instrumentation2000.com