

OAKTON®

presents...

Hygrothermographs and Barographs

These **precision, multi-speed** drum chart recorders document **relative humidity/temperature** or **barometric pressure** data over time!

Choose from four models:

Two-speed hygrothermograph

**Spring wound—no batteries
needed!**

even when the motor begins to run down,
a steady chart speed is maintained

**Selectable 1 or 7 day
chart rotation**

includes 1-day and 7-day gears

Three-speed hygrothermograph

**Selectable 1, 7 or 32 day
chart rotation**

select speed with the flip of a switch

Long cycle hygrothermograph

**Selectable 1 or 3 month
chart rotation**

provides months of unattended monitoring!

Three-speed barograph

Records barometric pressure
use from sea level to 2000 ft (610 meters)

**Bimetal temperature
compensation**

ensures accurate pressure readings

**Selectable 1, 7 or 32 day
chart rotation**

select speed with the flip of a switch

All models feature:

**Lightweight, corrosion-
resistant acrylic housing**

for indoor or sheltered outdoor use

**Battery-powered models have
quartz-controlled drives**

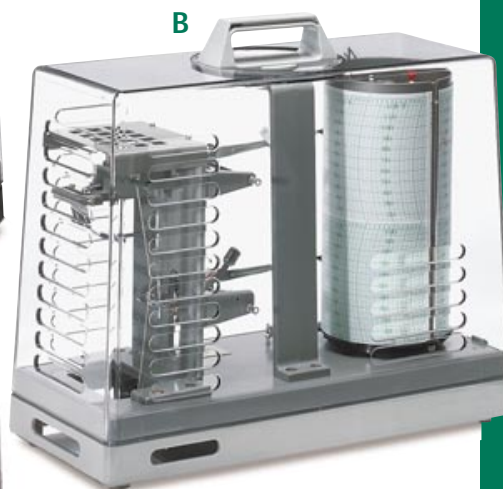
consistently rotates chart drum even when
power is running down



A



1 year
warranty



B



C



D

A: Two-speed hygrothermograph
B: Three-speed hygrothermograph
C: Long cycle hygrothermograph
D: Three-speed barograph

Create **permanent records of critical relative humidity, temperature, and barometric pressure data.** These hygrothermographs and barographs are ideal for monitoring ambient conditions in laboratories, greenhouses, museums, libraries, and more! Each has multiple speeds so you can select how long recording runs unattended.

Battery-powered models feature a low battery indicator to ensure batteries are always fresh; spring wound model maintains an even chart speed for 8 days after winding. Each instrument has a corrosion-resistant acrylic plastic case with a locking, tinted cover for easy viewing.

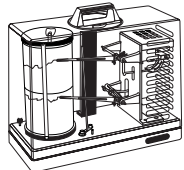
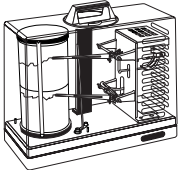
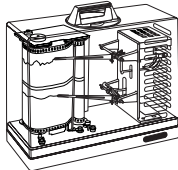
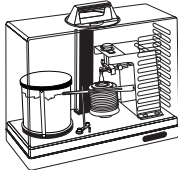
Each unit includes felt tip pens (hygrothermographs include one blue and one red pen, barograph includes one blue pen), one 7-day rotation chart (one roll of 1-month paper with long-cycle model), and batteries (if needed). See the back of this sheet for ordering information, complete comparative specifications and accessories.

OAKTON Hygrothermographs and Barographs

• Applications •

- laboratories
- museums
- computer rooms
- food storage rooms
- schools
- offices
- greenhouses
- libraries
- warehouses
- and more!

• Specifications / Ordering Information •

				
Model	A. Spring wound, two speed hygrothermograph	B. Three speed hygrothermograph	C. Long cycle hygrothermograph	D. Aneroid barograph
Model no.	WD-37250-10	WD-37250-00	WD-37250-20	WD-08570-02
Relative Humidity				
Range	5 to 90% RH	5 to 90% RH	5 to 90% RH	—
Accuracy	±3% from 10 to 90% RH; ±5% from 5 to 10% RH	±3% from 10 to 90% RH; ±5% from 5 to 10% RH	±3% from 10 to 90% RH; ±5% from 5 to 10% RH	—
Sensor	human hair bundle	human hair bundle	human hair bundle	—
Chart graduations	1% RH	1% RH	1% RH	—
Barometric pressure				
Range	—	—	—	940 to 1045 mbar / 27.8 to 30.9 "Hg
Accuracy	—	—	—	±1 mbar / ±0.03 "Hg
Sensor	—	—	—	14-cell, 2" dia. element
Chart graduations	—	—	—	1 mbar / 0.1 "Hg
Temperature				
Range	-10 to 50°C / 14 to 122°F	-10 to 50°C / 14 to 122°F	-20 to 50°C	—
Accuracy	±1°C / ±1.8°F	±1°C / ±1.8°F	±1°C	—
Sensor	bimetallic strip	bimetallic strip	bimetallic strip	bimetal element (for temperature compensation)
Chart graduations	1°C / 2°F	1°C / 2°F	1°C	—
Chart rotation	1 day (26 hr) or 7 day (172 hr)	1 day (26 hr), 7 day (172 hr) or 32 day (810 hr)	1-month (38 day max) or 3-month (100 day max)	1 day (26 hr), 7 day (172 hr) or 32 day (810 hr)
Use with chart paper models	WD-08368-10, WD-08368-20, WD-08368-30, WD-08368-40	WD-08368-10, WD-08368-20, WD-08368-30, WD-08368-40, WD-08368-22, WD-08368-42	WD-37250-60, WD-37250-62	WD-08570-10, WD-08570-20 WD-08570-22, WD-08570-30 WD-08570-40, WD-08570-42
Power	Spring wound	Two C batteries (included)	One C battery (included)	Two C batteries (included)
Dimensions	13.3"W x 11.5"H x 5.9"D	13.3"W x 11.5"H x 5.9"D	13.3"W x 11.5"H x 5.9"D	13.3"W x 11.5"H x 5.9"D
Shpg wt	9 lbs	9 lbs	9 lbs	9 lbs

Extra Chart Paper

Model number	Use with model type	Range	Temp range	Rotation	Increments	Chart size	Qty/pack	
WD-08368-10	2- or 3-speed (A, B)	0 to 100% RH	14 to 122°F	1-day	15-minute	6.6"H x 11.5"L	100	
WD-08368-20	2- or 3-speed (A, B)	0 to 100% RH	14 to 122°F	7-day	2-hour	6.6"H x 11.5"L	100	
WD-08368-30	2- or 3-speed (A, B)	0 to 100% RH	-10 to 50°C	1-day	15-minute	6.6"H x 11.5"L	100	
WD-08368-40	2- or 3-speed (A, B)	0 to 100% RH	-10 to 50°C	7-day	2-hour	6.6"H x 11.5"L	100	
WD-08368-22	3-speed (B)	0 to 100% RH	14 to 122°F	32-day	6-hour	6.6"H x 11.5"L	25	
WD-08368-42	3-speed (B)	0 to 100% RH	-10 to 50°C	32-day	6-hour	6.6"H x 11.5"L	25	
WD-37250-60	Long cycle (C)	0 to 100% RH	-20 to 50°C	1-month	2-hour	6.6"H x 114"L	1 roll	
WD-37250-62	Long cycle (C)	0 to 100% RH	-20 to 50°C	3-month	2-hour	6.6"H x 300"L	1 roll	
WD-08570-10	Barograph (D)	940 to 1045 mbar	—	1-day	15-minute	3.6"H x 11.5"L	100	
WD-08570-20	Barograph (D)	940 to 1045 mbar	—	7-day	2-hour	3.6"H x 11.5"L	100	
WD-08570-22	Barograph (D)	940 to 1045 mbar	—	32-day	6-hour	3.6"H x 11.5"L	25	
WD-08570-30	Barograph (D)	27.8" to 30.9" Hg	—	1-day	15-minute	3.6"H x 11.5"L	100	
WD-08570-40	Barograph (D)	27.8" to 30.9" Hg	—	7-day	2-hour	3.6"H x 11.5"L	100	
WD-08570-42	Barograph (D)	27.8" to 30.9" Hg	—	32-day	6-hour	3.6"H x 11.5"L	25	

Accessories

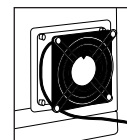
WD-08368-75 Extra felt-tip pens, blue. Pack of 6

WD-08368-80 Extra felt-tip pens, red. Pack of 6

WD-37250-50

Optional axial fan.

Use with 37250-00, -10 or -20 for more uniform sample measurements in fluctuating environments. 110 VAC



WD-01578-02 Transformer.
Use to operate axial fan at 220 VAC, 100 W