

OAKTON®

temperature and humidity datalogger monitors

TempLog & RH/TempLog

Automatically log temperature and humidity readings for months,
then **download data to your computer or printer!**

Use for long term temperature and humidity datalogging

ideal for shipping or storage, laboratories, factories, cold rooms, greenhouses, and more!

Memory holds up to 16,000 readings

each point is time and date stamped

Compact waterproof and dustproof housing

TempLog is IP65 rated;

RH/TempLog is IP60 rated

Large LCD display

lets you immediately view current conditions; displays min/max values by day(s) or hour(s) with a quick button press

Infrared (IRDA) communication

document max/min values quickly with optional IR printer

Selectable sampling rate

sample from once per 10 seconds to once per two hours (software required)

Selectable alarm setting

display flashes when set limits are passed (software required)

External sensor input

for an additional temperature sensor

Software features

Customize logging parameters

set logging interval, delayed or immediate start, overwrite data or stop when full

Stores 20-character message

lets you "name" device for later identification

Graphic or tabular display

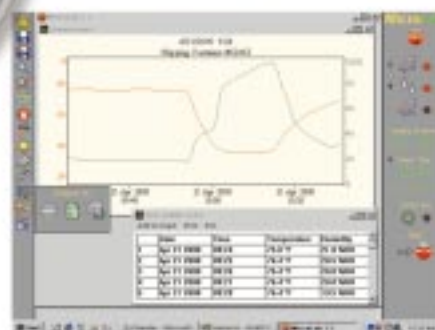
print or export data for use in spreadsheets

Powerful display options

zoom in and adjust scale to focus on most important data

Pinpoint data for quick analysis

point and click to see individual points or difference between two points



Left: TempLog and RH/TempLog shown at actual size.

Above right: Use these loggers for convenient, around-the-clock monitoring of stored goods.

Middle right: Infrared port lets you download readings directly into your printer or computer with an IRDA port.

Bottom right: Software lets you manipulate data and create data graphs.

The OAKTON TempLog and RH/TempLog let you effortlessly track important temperature and humidity data for months!

These loggers automatically save up to 16,000 measurements on selectable intervals. The LCD display shows you current conditions. Press a button to view minimum and maximum readings over the last 1-24 hours / 1-30 days. Point the logger toward an optional IR printer for a hard-copy printout of max/min data. Or, download data to your computer via the infrared port or cable. Software lets you graph, analyze, or export your data.

The compact waterproof and dustproof housing guarantees that each logger will function properly even in busy or rugged areas. The long lasting, replaceable battery powers your logger for two years. Choose from temperature or temperature/humidity models.

Software/cable package is required to change factory settings or download data. One package can be used with multiple loggers (order software separately). See the back of this sheet for ordering information and complete specifications.

OAKTON® ...setting the standard, again and again™

Set a start time and a sample time of once per 10 seconds to once per 2 hours through the software package.



Select the sensors you need to use in your next data recording (temperature, humidity, or external sensor) via the software package.



Large display shows current readings. Press a button to show minimum and maximum readings by hour(s) or by day(s).



Easy access connections on unit back for computer cable (order separately) or external temperature sensor.



Quick-reference instruction card lets you view instrument directions at a glance.



Optional portable printer lets you download readings through the infrared port—no cables needed!



Bulletin Log A1R1

TempLog & RH/TempLog

• Applications •

Shipping and storage: Place on trucks, airplanes, trains, or in warehouses to safeguard products such as produce, medical supplies, industrial chemicals, and other temperature / humidity sensitive products.

Laboratories and industrial plants: Ensure that ambient temperature and humidity levels remain stable 24 hours a day to keep your equipment in optimal working condition.

Greenhouses and cold rooms: Record fluctuations in temperature and humidity over time—download readings to your computer to graph your data. These loggers let you discover potential problems before they become costly.

Museums and libraries: Make sure conditions aren't harmful to valuable archives and collections.

• Specifications •

Mode	Temperature	Humidity (RH/TempLog only)
Range	-30 to 50°C / -22 to 122°F	0 to 100% RH
Resolution	0.5°C / 1°F	0.5%
Accuracy	±0.6°C / ±1.1°F	±3%

Memory: stores up to 16,000 measurements

Output:

Infrared: IRDA (infrared data association) interface to printer or computer with IRDA port

RS-232: Cable connection to your computer (order cable/software package separately below)

Sampling rate: selectable via software from once per 10 seconds to once per two hours

Software: Required to download readings to a computer and to set sampling rate (order software separately below).

Software can be used with multiple loggers. Software is compatible with Windows 3.x and Windows 95/98/NT.

Display: two digit LCD display, ½"H, with mode indicators

Housing:

TempLog: IP65 rated

RH/TempLog: IP60 rated

External sensor: optional. General purpose temperature stainless steel probe 3.25" L x 0.25" dia with 6-ft (1.8-m) cable.

Power: internal lithium battery, 3.6 V TL5101. Battery life is two years (may be less with external sensor)

Dimensions: 2.8" dia x 0.9"D (7.2 cm dia x 2.3 cm D)

Weight: 0.2 lb (0.1 kg)

• Ordering Information •

WD-35710-00 OAKTON TempLog Shpg wt 2 lbs (0.9 kg)

WD-35710-10 OAKTON RH/TempLog Shpg wt 2 lbs (0.9 kg)

WD-35710-50 Software/serial cable. Software is required to download readings to a computer and to set sampling rate.

Software can be used with multiple loggers. Cable is 8.5 ft (2.5 m) long and connects to computer 9-pin serial port

WD-35710-60 OAKTON TempLog kit, includes TempLog, software and serial cable. Shpg wt 2.1 lb (1 kg)

WD-35710-62 OAKTON RH/TempLog kit, includes RH/TempLog, software and serial cable. Shpg wt 2.1 lb (1 kg)

WD-35710-70 External general purpose temperature probe. 3.25" L x 0.25" dia stainless steel probe with 6-ft (1.8-m) cable

Infrared Printer

This infrared printer is ideal for on-site documentation. Transfer data by infrared light without the use of cables—just position the OAKTON logger IRDA port near the printer's IRDA port.

WD-37455-70 Infrared printer includes one roll of paper and four AA batteries. Shpg wt 1.4 lbs (0.6 kg)

WD-37455-80 VAC Adapter, 110-240 VAC, 50/60 Hz, 6-ft (1.8-m) cord and U.S. standard 2 prong plug

WD-37455-82 Replacement printer paper, 2.25"W x 80 ft L. Pack of three rolls

• Also Available •

OAKTON Min/Max Memory Thermometer

- Water resistant housing
- Records minimum and maximum temperature
- Heat-resistant, stainless steel penetration probe
- °C/°F selectable
- Includes plastic protective sleeve with pocket clip

Range: 14 to 392°F / -10 to 200°C

Resolution: 0.1° up to 199.9°; 1° above 200°

Accuracy: ±1.8°F / ±1.0°C

Display: 3½ digit, 0.3" H (0.8 cm H)

Dimensions:

Probe: 4.3"L x 0.14" dia (11 cm L x 0.4 cm dia)

Head: 1.8" dia (4.6 cm dia)

WD-90003-00 OAKTON min/max memory thermometer

WD-09377-16 Replacement batteries, 1.5 V. pack of 6



• ORDER FROM •

TRANSCAT

▶ Visit us at Transcat.com!

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

TRANSCAT