

Humidity + Temperature Datalogger Kits



Compact, powerful and easy to use
Records up to 16,000 readings

Features:

- Model 42265 — Temperature Datalogger kit records up to 8000 readings
- Model 42275 — Temperature and Humidity Datalogger kit records up to 16,000 readings (8,000 readings for each parameter)
- Use in storage containers, shipping vans, freezers and more
- Logs data for days, weeks or months — up to 1 year battery life
- Multiple Dataloggers (42260 or 42270) can be programmed and data downloaded from one single docking station
- Programmable sampling rate from 1sec to 2hrs plus Hi/Lo limits with alarm indication
- Program the logger, analyze and store data using Windows® 95/98/2000/NT/ME/XP compatible software
- View temperature (42265) or both humidity and temperature (42275) on LCD display
- Three start methods: Scheduled, immediate or magnetic
- Real time clock stores date & time with data
- Waterproof: 42260 to IP65, Water resistant: 42270
- Wide operating range:
Humidity: 0 to 100% RH (model 42270)
Temperature: -40 to 185°F (-40 to 85°C)
- NOTE: Order model 42270 (Datalogger Only) as a replacement unit or as an addition to the kit. The datalogger by itself cannot function without the software and docking station.


Applications:

- Clean rooms
- Freezer
- Shipping crates
- Storage areas
- Refrigerator
- Shipping vans
- Cargo vessels
- Warehouses


Ordering Information:

- 42275Temperature/Humidity Datalogger Kit with PC Interface
 42276Temperature/Humidity Datalogger Programmer with Printer
 42270Temperature/Humidity Datalogger for 42275
 42265Temperature Datalogger Kit with PC Interface
 42266Temperature Datalogger Programmer with Printer
 42260Temperature Datalogger for 42265
 42299Replacement 3.6V Lithium batteries (2pk)
 USB100RS-232 to USB Adaptor
 SW276PC Software and USB cable kit for 42266 and 42276
 153117117V AC Adaptor for 42266 and 42276
 159222220V AC Adaptor for 42266 and 42276
 422378Replacement Thermal Paper (5pk) for 42266 and 42276





Programming Unit and Printer Available in two configurations: **42266** includes one 42260 Temperature Datalogger. **42276** (above) includes one 42270 Temperature/Humidity Datalogger. Both kits include a 3.6V lithium battery, programmer printer, 4 AAA batteries, and paper roll.



42260 Temperature Datalogger and **42270** Humidity + Temperature Datalogger. **NOTE: 42260 and 42270 Dataloggers cannot function without software, docking station, or programmer printer.**

Specifications	Ranges	Resolution	Basic Accuracy
Temperature	-40°F to 185°F -40°C to 85°C	0.1°	±1°F (-4 to 122°F), ±2°F (-40 to -4°F, 122 to 185°F) ±0.6°C (-20 to 50°C), ±1.2°C (-40 to 20°C, 51 to 85°C)
Humidity	0 to 100%RH	0.1%	±3%RH
Datalogging Interval	1 sec to 2 hours		
Memory	Temperature: 8000 points; Relative Humidity: 8000 points		
Dimensions	42260 or 42270: 3 x 2.3 x 0.88" (76 x 57.2 x 22.3mm) 42265 or 42275: 4.9 x 3.8 x 2" (123.8 x 95.3 x 51mm)		
Weight	42260 or 42270: 2.6oz. (72.6g), 42265 or 42275: 9oz (254g)		

