



## **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 or 42260 (Datalogger Module 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

Specifications	Ranges	Resolution	Basic Accuracy
Temperature	-40°F to 185°F	0.1°	±1°F (-4 to 122°F),
	4000 1 0500		±2°F (-40 to -4°F, 122 to 185°F)
	-40°C to 85°C		±0.6°C (-20 to 50°C),
			±1.2°C (-40 to 20°C, 51 to 85°C)
Humidity (42270/75)	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 (2	54g)	

## **Ordering Information:**

42275 ......Temperature/Humidity Datalogger Kit with PC Interface 42270 ......Temperature/Humidity Datalogger for 42275 42265 .....Temperature Datalogger Kit with PC Interface 42260 ......Temperature Datalogger for 42265 42299 ......Replacement 3.6V Lithium batteries (2pk) USB100 .....RS-232 to USB Adaptor