

# 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 -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 (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 (254g)		

## 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

**Contact:**  
 Industrial Process Measurement, Inc.  
 3910 Park Avenue, Unit 7  
 Edison, NJ 08820  
 732-632-6400  
 support@instrumentation2000.com  
 http://www.instrumentation2000.com

