

## 42275 Humidity and Temperature Datalogger Kit



**Compact, powerful and easy-to-use datalogger record up to 16,000 readings. Multiple Dataloggers can be programmed and data downloaded from one single docking station. USB cable and software included to easily download collected data to your PC for further analysis.**

**Applications:**

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



### Features

- Temperature and Humidity Datalogger kit records up to 16,000 readings
- Use in storage containers, shipping vans, and freezers
- Logs data for days, weeks or months (~1yr battery life)
- Multiple Dataloggers (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<sup>®</sup> XP, Win 7, Win 8 compatible software
- View humidity and temperature on LCD display
- Three start methods: Scheduled, immediate, magnetic
- Real time clock stores date & time with data
- Water-resistant design
- Kit includes one datalogger, docking station with USB cable, and software

Specifications	Range	Max Resolution	Basic Accuracy
Temperature	-40°F to 185°F (-40°C to 85°C)	0.1°	±1°F/ ±0.6°C
Humidity	0 to 100%RH	0.1%	±3%RH
Datalogging Interval	1 sec to 12 hours		
Memory	Temperature: 8000 points and Relative Humidity: 8000 points		
Dimensions	42270: 3 x 2.3 x 0.88" (76 x 57.2 x 22.3mm); 42275: 4.9 x 3.8 x 2" (123.8 x 95.3 x 51mm)		
Weight	42270: 2.6oz. (72.6g), 42275: 9oz (254g)		

### Ordering

(NOTE: Order model 42270 Datalogger only as a replacement unit or as an addition to the 42275 kit. The datalogger by itself cannot function without the software and docking station)

- 42275..... Temperature/Humidity Datalogger Kit with PC Interface
- 42270..... Temperature/Humidity Datalogger for 42275
- 42299..... Replacement 3.6V Lithium batteries (2pk)

