EXTECH INSTRUMENTS

PRODUCT DATASHEET

42265 & 42275 Humidity and Temperature Datalogger Kits



Compact, powerful and easy-to-use dataloggers record up to 16,000 readings. Models to choose from: Temperature (42260/42265) or Temperature and Relative Humidity Datalogger (42270/42275). 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

- **Model 42265** — Temperature Datalogger kit records up to 8000 readings
- **Model 42275** — 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 (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® XP, Win 7, Win 8 compatible software
- View temperature (42265) or both humidity and temperature (42275) on LCD display
- Three start methods: Scheduled, immediate, magnetic
- Real time clock stores date & time with data
- Waterproof: 42260 to IP65, Water-resistant: 42270
- Kits include 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	42260/42265: Temperature: 8000 points; 42270/42275: Temperature: 8000 points and 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

(NOTE: Order model 42270 or 42260, 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)

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)



CE

Specifications subject to change without notice. Copyright © 2014 FLIR Systems, Inc. All rights reserved including the right of reproduction in whole or in part in any form.
Rev. 4/30/14

www.extech.com