Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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)

42299

CE

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