EXTECH®

Extech 42280A

Temperature and Humidity Datalogger

The 42280A is designed to continuously monitor temperature and humidity so you can maintain ideal storage conditions in laboratories and cleanrooms while ensuring comfort in hospitals and other indoor working facilities. This datalogger with max/min mode records up to 24,000 data sets including date and time stamp and features both audible and visible alarms. You can generate PDF reports that show trending graphs, or export data to a Microsoft® Excel spreadsheet, making it easy to identify irregularities in temperamental environments.

42280A Features

- Easy-to-read LCD screen that displays humidity, temperature, date, and time
- Storage for up to 24,000 recorded data sets with date and time stamp
- Programmable High/Low limits from the meter or PC
- Audible and visible alarms for condition monitoring
- Data security with password protection
- Generates PDF reports with trending graphs, and exports data to Microsoft® Excel spreadsheets when plugged into a PC
- Add time-stamped markers, while logging, to record events in your reports (max 8 markers)
- Field calibration with optional 33% RH and 75% RH calibration bottles (RH300-CAL)
- Wall, desktop, or tripod mount

- Displays max/min readings
- 12-hour time format
- Complete with USB-A to USB-A cable, Universal AC adapter (US, EU, UK, AUS plugs), and four 1.5 V AA batteries

- *See next page for product specifications and ordering information*

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42280A UPC Code: 793950440605

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Specifications	Range	Max Resolution	Basic Accuracy
Temperature	-20°C to 70°C (-4°F to 158°F)	0.1°C/°F	±0.9°F (±0.5°)
Relative Humidity	0 to 100% RH	0.1% RH	±3% RH
Dew point	0°C to 50°C (32°F to 122°F)	0.1°C/°F	
Sample Rate	30 sec, 5 min, 10 min, 30 min, 60 min, 90 min, 120 min		
Memory	Temperature: 24,000 points; Humidity: 24,000 points		
Dimensions (L×H×W)	120.7 mm × 88.9 mm × 38.1 mm (4.75 in × 3.5 in × 1.5 in)		
Weight	163 g (5.7 oz)		

Ordering

42280A .... Temperature and Humidity Datalogger
42280A-NIST .... Temperature and Humidity Datalogger w/ Certificate Traceable to NIST
RH300-CAL....... 33% RH and 75% RH Calibration Bottles

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