EXTECH INSTRUMENTS
A FLIR COMPANY

392085 Pocket Thermometer

Audible High/Low Alarms

Soft pouch case included

- Audible alarm alerts user when pre-set MAX/MIN temperature is reached or exceeded; Data Hold
- Durable 2.5" (64mm) stainless steel probe with 20" (508mm) cable
- Temperature: -58 to 302°F (-50 to 150°C), ±1.8°F/1°C basic accuracy, 0.1°/1° resolution
  Dims: 4.8x3x0.8" (122x76x20mm)
  Weight: 3.4oz (96g)
- Complete with case, stainless steel probe, and 1.5V button battery

401012 Indoor/Outdoor Temperature Alarm

Audible Alarm alerts user when Temperature exceeds the setpoints

- Displays indoor/outdoor temperature
- Single or Dual point audible alarm (external sensor)
- -58.0 to 158.0°F, ±1.8°F accuracy, 0.1°F resolution; Dims: 2.75x2.75" (70x70mm), Weight: 3oz (85g)
- Complete with internal plus 10ft (3m) weatherproof temperature sensor with adhesive backing, stand, one AAA battery, and screws for wall mounting

401014 Big Digit Indoor/Outdoor Thermometer

Built-in memory stores Minimum and Maximum Temperature readings

- Large LCD displays 1" (25mm) digits for indoor/outdoor temperature
- Indoor Range: 14 to 140°F (-10 to 60°C) Outdoor Range: -58 to 158°F (-50 to 70°C) ±1.8°F /1°C accuracy; 0.1°F/°C resolution Dims: 4.4x4x0.9" (112x102x22mm) Weight: 6.5oz (186g)
- Complete with weatherproof temperature sensor with 9.6ft (3m) thin cable, stand, AAA battery, and wall mounting bracket

CE *All temperature indicators featured on this page are CE certified and include a one year warranty*

39240 Waterproof Thermometer

Pocket-size with MAX/MIN recording

- 2.75" (70mm) Stainless steel stem
- Data Hold and Auto power off
- Temperature: -40 to 392°F (-40 to 200°C), ±2°F/1°C accuracy, 0.1°/1° resolution
- Dims: 5.9x0.8x0.7" (150x20x18mm)
- Weight: 0.7oz (20g)
- Complete with one LR44 button battery and protective cover

392050 Penetration Dial Thermometer

Sharp stainless steel probe measures temperature in air, liquids, and semi-solids

- 5" (130mm) stainless steel probe with 2" (54mm) dial
- Range: -58 to 302°F (-50 to 150°C)
- ±2°F/1°C accuracy, 0.1°/1° resolution
- ON/OFF switch saves battery life
- Auto Power off after 1 hour
- Weight: 1oz (29g)
- Complete with 1.5V LR44 battery

39272 Pocket Fold-up Thermometer with Adjustable probe

4.5" (114mm) stainless steel probe adjusts from 0 to 180°

- Detents at 45°, 90°, 135°, and 180°
- Fast response; Auto Power off after 1hour
- Data Hold and Min/Max
- Temperature: -58 to 572°F (-50 to 300°C), ±1.8°F/1°C, 0.1°/1° resolution
- Dims: 6.1x2x0.8" (154x50x20mm) Weight: 2.5oz (71g)
- Complete with wrist strap & AAA battery

RH520A Humidity+Temperature Chart Recorder

Best value graphical datalogger in the market that's easy to set up and operate

Includes Software

Features:

- Simultaneous numerical & graphical display of Humidity and Temperature readings, plus Time and Date
- Large dual graphical LCD displays with adjustable vertical and horizontal resolution indicate % of memory remaining
- Internal memory records up to 49,000 data points can be transferred to a PC
- Detachable probe extends to 3ft (1m)

- Audible and visual alarm with Hi/Low setpoints
- Output socket used with optional external alarm module
- Complete with built-in stand, detachable probe with 3ft (1m) cable, RS232 cable, RS-232 to USB adaptor, LabView-based PC software, 100-240VAC 50/60Hz adaptor, and 3 AA batteries

Specifications

Function	
Relative Humidity range	10.0 to 95.0%
Temperature range	-20.0 to 140.0°F (-28.0 to 60.0°C)
Basic Accuracy	±3% Relative Humidity; ±1.8°F (±1°C)
Dimensions	5 x 7.7 x 0.9" (129 x 195 x 22mm)
Weight	12.6oz (357g)

Ordering

RH520A ....Humidity+Temperature Chart Recorder (110V adaptor)
RH520A-NIST .RH520A with NIST Certificate
RH520A-220 ....Humidity+Temperature Chart Recorder (220V adaptor)
RH520A-240 ....Humidity+Temperature Chart Recorder (240V adaptor)
RH522 ....Replaceable Humidity/Temperature Probe
SL123 ....AC Alarm Relay Module 9ft (3m) cable
SL124 ....DC Alarm Relay Module 9ft (3m) cable

New LabView based PC software and cable for download control and to graph Relative Humidity, ambient temperature, dew point, wet bulb, and mix ratios (gpp or g/kg)

Wall mountable

RHT20 Humidity and Temperature Datalogger NEW

Datalogs 16,000 Humidity and 16,000 Temperature readings

Features:

- USB interface for easy setup and data download to a PC
- Dew point indication via Windows® compatible software (included)
- Selectable data sampling rate: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2hr, 3hr, 6hr, 12hr, 24hr
- User-programmable alarm thresholds for RH and Temperature

- LCD displays current readings, Min/Max, and alarm status
- Long battery life (approx. 1 year)
- Complete with 3.6V Lithium battery, mounting bracket with combination lock, and Windows® 98, 2000, XP, and Vista compatible analysis software

Specifications

Function	Range	Resolution	Basic Accuracy
Temperature	-40 to 158°F	0.1°F/°C	±1.8°F
	-40 to 70°C		±1.0°C
Humidity	0 to 100%RH	0.1%RH	±3%RH
Datalogging interval	1 second to 24 hours		
Memory	Temperature: 16,000 points; Relative Humidity: 16,000 points		
Dimensions	3.7 x 1.9 x 1.2" (94.4 x 48.9 x 31.2mm)		
Weight	3.2oz (90.7g)		

Ordering (Available Q4 2009)
RHT20 ....Humidity and Temperature Datalogger

Monitors Humidity and Temperature levels in warehouse, storage rooms, freezers, shipping vans, and offices. USB connector easily plugs into a computer for data analysis.

Extech Instruments: The brand of choice…

42265/42275 Temperature & Humidity Datalogger Kits

Choice of Temperature/Humidity or Temperature only Datalogger — Compact, powerful and easy to use with PC interface

Features:
- **42265** — Waterproof (IP65) Temperature Datalogger Kit records up to 8000 readings
- **42275** — Water resistant Temperature and Humidity Datalogger Kit records up to 16,000 readings (8,000readings/parameter)
- Real time clock with date and time
- Logs data for days, weeks or months
- Three start methods: Scheduled, immediate or magnetic

- 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

Datalogger Kit available in two configurations: **42265** includes one 42260 datalogger. **42275** includes one 42270 datalogger. Both include Windows® compatible software & docking station.

Specifications

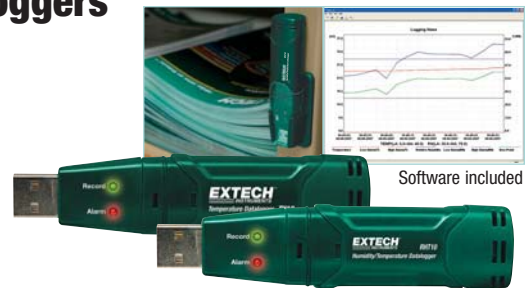| Function	Range	Resolution	Basic Accuracy
Relative Humidity	0 to 100% RH	0.1%RH	±3%RH
Temperature	-40 to 185°F (-40 to 85°C)	0.1°F/°C	±1°F (±0.6°C)
CE/ Warranty	CE/ 1 year		
Dims/Wt	42260 or 42270 — 3x2.3x0.88" (76.2x57.2x22.3mm); 2.6oz (72.6g)		
	42265 or 42275 — 4.9x3.8x2" (123.8x95.3x51mm); 9oz (254g)		
	42266 or 42276 — 6.1x4.8x1.9" (155x122x48mm)/12oz (338g)		

Ordering
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

RHT10/TH10 Humidity & Temperature USB Dataloggers

Two models to choose from with USB interface for easy set-up and data download

Features:
- **Model RHT10** datalogs 16,000 Temperature/ 16,000 RH readings; Dew point indication via Windows® compatible software

- **RHT10-SW** software for RHT10 to calculate Grains Per Pound (grams per kilogram) to 1120GPP (160g/kg)

- **Model TH10** datalogs 32,000 Temperature readings

- Selectable data sampling rate: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2hr, 3hr, 6hr, 12hr, 24hr

- User-programmable alarm thresholds for RH and Temperature
- Humidity: 0 to 100%RH (Model RHT10 only) Temperature: -40 to 158°F (-40 to 70°C); Accuracy: ±3%RH; ±1°F/0.5°C
- 1yr battery life; Dims: 5.1x1.1x0.9" (130x30x25mm)/Wt: 1oz (20g)

Software included

Complete with 3.6V Lithium battery, protective USB cap, mounting bracket, and Windows® compatible software for analysis

Ordering
RHT10 ....Humidity and Temperature USB Datalogger
RHT10-SW .GPP (g/kg) Software for RHT10
TH10 ....Temperature USB Datalogger

42280 Temperature and Humidity Datalogger

Records up to 16,000 readings with USB interface for downloading to a PC

Features:
- Programmable from keypad or PC
- Selectable data sampling rate
- User programmable audible and visual alarms
- Wall, desktop, or tripod mount
- Calibration via optional salt bottles

Specifications

Function	
Relative Humidity range	0 to 100% RH
Temperature range	-4 to 144°F (-20 to 70°C)
Resolution	0.1%RH, 0.1°F/°C
Basic Accuracy	±3% Relative Humidity; ±1°F (±0.6°C)
CE/ Warranty	CE/ 1 year
Dims/Wt	4.75x3.5x1.5" (120.7x88.9x38.1mm)/ 5.7oz (163g)

Software included

Complete with Windows® compatible software, USB cable, 110V AC adaptor, and four AA batteries

Ordering
42280 ....Temperature and Humidity Datalogger
RH300-CAL ..33% and 75%RH Calibration Kit