

DICKSON CHART RECORDER



Product Description

Dickson Chart Recorders are mechanical devices that consist of a paper chart rotating around a movable pen which moves according to the reading of a sensor and draws on the paper chart accordingly, allowing you to track the temperature throughout the day visually.

Each pack of charts consist of 60 pieces. The chart refills comes in 2 sizes:

4 inches (101mm)

6 inches (152mm)

The 4 inches (101mm) Chart provides a 24-hour recording and can take temperature measurements ranging from -30°C to 50°C.

The 6 inches (152mm) Chart provides 7-day recording with temperature measurements ranging from 0°C/F to 100 °C/F or -100°C/F to 0°C/F.

Industries Served

- Apparel And Accessory Packaging
- Electronics
- Food And Beverage
- Healthcare
- Personal Products



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Key Features

- Digital Display
- 7-Day or 24-Hour recording
- C/F Switchable
- 2-3 year battery life
- Temperature Range: -22 to 122F (Should not be placed in temperatures below 0F for extended time)



Chart refills available in two sizes



4 inches (101mm)



6 inches (152mm)

6" (152mm) Temperature & Humidity Chart Recorder



Device Specifications

- Ambient Operating RH Conditions : 0-95% RH non-condensing
- Ambient Operating Temperature Conditions: 32.0 to 122.0F (0.0 to 50.0C)
- Approvals: RoHS, CE
- Battery Backup: 4 AA Battery Back-up. Powers unit for up to 3 days.
- Battery Life (Avg): 72 Hours (Back-up Only)
- Calibration Options: N100, N300, N400
- Channels: CH1: Temperature, CH2: Humidity
- Chart Rotation Speed: 24 Hour or 7 Day
- Dimensions: 3.25 x 7.56 x 7.56in
- Display Type: LCD
- Enclosure: Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
- Humidity Accuracy: +/-2.0% RH from 0.0 to 60.0%; +/-3.0% RH from 60.0 to 95.0%
- Humidity Range: 0-95% RH non-condensing
- P Rating: 21
- Included Accessories: AC Adapter, Red and Blue Pen, 9V Battery, Quick Start Guide. *Charts sold separately.
- Keypad Functions: Power On/Off, Pen Home
- Mounting Options: Free Standing or Wall Mount (With Keyhole)
- Power Cord: 6 ft
- Power Source: 120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
- Power Status Indicator: LED Indicator
- Response Time: 5 Minutes to 63% of Full Scale
- Temperature Accuracy: +/-1.8F from 32.0 to 100.0F (+/-1.0C from 0.0 to 50.0C)
- Temperature Range: 32.0 to 100.0F (0.0 to 50.0C)
- Unit Weight: 9 lbs
- Units/Pkg: 1
- Warranty: 12-Month Limited



Device Calibrations

- N100: 1-Point NIST Traceable Calibration
- N300: 3-Point NIST Traceable Calibration
- N400: 3-Point Ultima NIST A2LA Accredited Calibration

Device Accessories

- R180 - Replacement AC Adapter

AC Adapter for TSB/TWE/TWP Loggers and the KT8/KT6 series.

- R066 - Universal Plug Kit for Data Loggers

International Plug Kit for Data Loggers

- A062 - AC Adapter Extension Cable

10' Power Extension for R157 AC Adapter

- A868 - Sensor Dust Filter

Sensor Dust Filter - prolong the life of your sensor.

- A896 - Probe Extension Cable

10' Extension Probe for Straight Pre-Calibrated Sensor

- R200 - Replaceable Temperature/Humidity Sensor

Angled Temperature/Humidity Replaceable Sensor

- R250 - Replaceable Sensor

Straight Temperature/Humidity Replaceable Sensor

- E200 - 2-Year Warranty

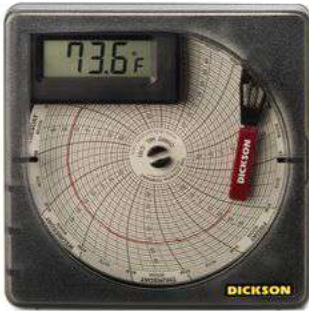
2-Year Warranty

- R006 - AA Battery

AA Alkaline Battery



4" (101mm) Temperature Chart Recorder



Device Specifications

- Ambient Operating RH Conditions : 0-95% RH non-condensing
- Ambient Operating Temperature Conditions: -22 to 122F (-30 to 50C)
- Approvals: CE
- Battery Life (Avg): 3 Years
- Calibration Options: N100, N300, N400
- Channels: CH1: Temperature
- Chart Rotation Speed: 24 Hour or 7 Day
- Dimensions: 2.4 x 5.2 x 5.2in
- Display Accuracy: 1.8F
- Display Dimensions Height: 0.36
- Display Dimensions Width: 1.8
- Display Resolution: 0.1
- Display Type: LCD
- Enclosure: Black ABS and Polycarbonate
- P Rating: 21
- Included Accessories: One AA Battery, Red Pen and Quick Start Guide. *Charts sold separately.
- Mounting Options: Free Standing or Wall Mounted
- Power Source: Battery; One AA Battery (User Replaceable)
- Response Time: 11 Minutes to 63% of Full Scale (in air moving 5' per second)
- Temperature Accuracy (Recorder Only): $\pm 2\%$ Of Full Scale
- Temperature Range: -22 to 122F (-30 to 50C)
- Temperature Sensor: Precise spiral wound bi-metallic strip transducer
- Unit Weight: 3 lbs
- Units/Pkg: 1
- Warranty: 12-Month Limited



Device Calibrations

- N100 1-Point NIST Traceable Calibration
- N300 3-Point NIST Traceable Calibration
- N400 3-Point Ultima NIST A2LA Accredited Calibration

Device Accessories

- E200 - 2-Year Warranty
2-Year Warranty
- R006 - AA Battery
AA Alkaline Battery



Related Products



ShockLog @248



ShockWatch @g-view



Display Temp
Data Logger



FlashLink@ PDF In-Transit
Data Logger



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