

DICKSON FT121

TEMPERATURE LCD GRAPHING LOGGER WITH K-THERMOCOUPLE PROBE

Dickson's newest Paperless Recorder lets you view detailed temperature data on its large screen and allows for optional PC downloads. Its large 4.5" x 2.5" display shows you current temperature readings and displays a graph of data ranging from 1 hour to 32 days. The remote K-Thermocouple probe allows you to monitor temperatures from -200 to +2000°F/C, while an internal sensor records ambient temperature conditions. No paper charts or running back to your PC to see data. This recorder shows you everything at the push of a button.

Ideal for:

- Checking building automation systems
- Monitoring HVAC Systems
- Checking Refrigerator, Freezer and Cooler Conditions
- Monitoring Ovens, Autoclaves and Baths
- Tracking critical processes
- Gathering data from hard to reach places

Specifications:

Internal Temperature Range: 0 to +120°F (-17.7 to +48.9°C)

Internal Accuracy: ±1.8°F (±1°C)

External Temperature Range: User selectable: 0 to +100°F/C; 0 to +250°F/C; 0 to +500°F/C; 0 to +1000°F/C; 0 to +2000°F; -50 to +50°F/C; -100 to +100°F/C; -200 to +200°F/C

External Accuracy (unit only): ±1.8°F (±1°C)

Ambient Operating Range: 0 to +122°F (-17.7 to +50°C)

IP Rating: IP20

Sample Points: 15,872 per channel

Sample Rate: Sampling rates vary depending upon recording time selected

Recording Time	Sampling Rate
64 minutes	20 seconds
8 hours	30 seconds
24 hours	30 seconds
8 days	60 seconds
16 days	60 seconds
32 days	150 seconds

Recording Times: User Selectable: 64 minutes, 8 hours, 24 hours, 8 days, 16 days or 32 days

Display: LCD: 240 x 128 pixels; Graphical Display

Resolution: 0.1°F

Remote Probe: K-Thermocouple; 4' Bead Wire; Mini-connector; +500°F (see next page for optional probes)

Power: 120V AC with 9V battery backup (UK & European voltage models available)

Dimensions: 7.0" x 5.0" x 2.0"



DICKSON

www.dicksonweb.com

930 S. Westwood Ave., Addison, IL 60101-4917

Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498

All specifications are subject to change • Made in U.S.A.

rev. 07/06

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Weight: 1.2 lb

Ordering Information

Description	Order No.
Temperature LCD Graphing Logger with K-Thermocouple Probe	FT121
Temperature LCD Graphing Logger with K-Thermocouple Probe (European voltage)	FT131
Temperature LCD Graphing Logger with K-Thermocouple Probe	FT141

Accessories

Description	Order No.
NIST Traceable Calibration 3-pt. (new units)	N300
NIST Traceable Calibration 1-pt. (new units)	N100
A2LA Accredited Calibration 3-pt. (new units)	N400
Locking Wall/Desk Case	A712
DicksonWare™ Software & Download Cable	A015
Download Cable Only	A060
Logger Calibration Software	SW400
25' Extension Download Cable	X025
50' Extension Download Cable	X050
International Universal AC Adapter	R065

Optional K-Thermocouple Probes

Description	Order No.
4" Piercing Probe, 5' Coiled Cable, +1650°F	D605
5" Immersion Probe, 5' Coiled Cable, +1650°F	D608
6" High Temperature Basic Probe, +2100°F, 316 Stainless Steel	A203
10' Straight Extension Cable	D617
100' Straight Extension Cable	A202

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