

DICKSON TK500/TK180

SUPER COMPACT AND ECONOMICAL DATA LOGGER

So compact, slightly larger than a quarter, you can put this data logger just about anywhere. Available in cost effective 12 packs (TK500) or sold individually with $\pm 1.2^{\circ}\text{F}$ temperature accuracy (TK180).

Use the TK500/TK180 for:

- Monitoring goods in storage
- Logging conditions while goods are in transit
- Mapping and evaluating HVAC/R systems
- Place these loggers in shipping containers, refrigerators, freezers, coolers, ventilation ducts, and just about anywhere you need to monitor temperature and humidity conditions.



View downloaded data with user friendly DicksonWare™ software. It creates a graph of your data in seconds and features include customization of your graph and zooming and viewing of your data in tabular format. You can also view data from several loggers on a single graph enabling easy comparison of multiple sets of data. Transferring the data into documents or spreadsheets is a snap!

Specifications:

Temperature Range: -4 to +158°F (-20 to +70°C)

Temperature Accuracy: TK500: $\pm 1.8^{\circ}\text{F}$ ($\pm 1^{\circ}\text{C}$) over range -4 to +158°F (-20 to +70°C);

TK180 $\pm 1.2^{\circ}\text{F}$ (0.67°C) over range -4 to +158°F (-20 to +70°C)

Humidity Range: 0 to 95% RH

Humidity Accuracy: $\pm 2\%$ over range 10 to 90% RH

IP Rating: IP20

Data Capacity: 3840 Sample Points

Sample Interval: Variable from 10 sec. to 24 hour in 10 sec. increments

Battery Type/Life: Lithium 3V, approximately 1 year

Response Time: 10 minutes to 63% of full scale

Download Time: 30 sec., typical with logger full

Approvals: CE

Enclosure: Polycarbonate

Memory: EEPROM

Dimensions: 1.35" x 1.1" x 0.485" (3.43 x 2.79 x 1.23 cm)

Weight: 0.44 ounces (12.4 grams)

Includes: 3V Lithium battery

A015 – DicksonWare & Download Cable Specifications:

Compatible With: Microsoft Windows® 95, 98, 2000, NT, and XP

PC Requirements: PC with 386MHz or faster microprocessor, 4MB RAM, 1 free COM (serial) port, CD drive

Cable Type/Length: 9 pin male D-shell to male 2.5mm stereo plug, 6' long

Computer Interface: RS-232 COM (serial port)

DicksonWare Version Required (minimum): 7.5.0

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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Ordering Information

Description	Order No.
Super Compact Data Logger 12 pack	TK500
Super Compact Data Logger	TK180
DicksonWare™ Software & Serial Download Cable - English	A015
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - English	A025
DicksonWare™ Software & Serial Download Cable - French	A035
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - French	A037
DicksonWare™ Software & Serial Download Cable - Spanish	A045
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - Spanish	A047

Calibration Options

Description	Order No.
NIST Traceable Calibration 3-pt. (new unit)*	N300
NIST Traceable Calibration 1-pt. (new unit)*	N100
A2LA Accredited Calibration 3-pt. (new unit)*	N400

*Calibrations are per unit

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