

DICKSON SX100

TEMPERATURE DATA LOGGER

The Dickson SX100 sets a new standard in accurate, easy-to-use, affordable PC based recording. The SX100 is a self-contained, low cost, single channel temperature data logger equipped with an internal sensor for reading air temperatures. Due to its compact size, rugged design and battery power the SX100 can be placed just about anywhere.

In addition, user friendly DicksonWare™ software makes it simple to integrate recorded temperature data into documents and spreadsheets, giving results a professional, polished look. When fulfillment of regulatory requirements or accurate recording of temperature for quality control is needed, the SX100 is the perfect instrument!



Specifications:

Temperature Range: -40 to +176°F (-40 to +80°C)

Temperature Sensor: Internal digital temperature sensor

Temperature Accuracy (internal): ±2.25°F (±1.25°C) over range +14 to +176°F (-10 to +80°C);
+7.65, -2.25°F (+4.25, -1.25°C) over range +14 to -40°F (-10 to -40°C)

Data Storage: 7,680 sample points

Sample Interval: Records data in configurable 10 second to 24 hour intervals in 10 second increments

Ambient Operating Conditions: -40 to +176°F (-40 to +80°C) 0 to 95% RH (non-condensing)

Response Time: 10 minutes to 63% of full scale

Power Supply: 3V Lithium coin cell battery, approximately 1 year at 1 minute sampling (user replaceable)

Power Status Indicator: LED, flashes when sampling

Memory: Non-volatile (retains data when battery is removed)

Calibration: User - none; Factory: zero

Resolution: 0.9°F (0.5°C)

Approvals: CE

Enclosure: Polycarbonate

Weight: 1.8 oz (49 g)

Dimensions: 3.1" x 2.1" x 0.9" (79mm x 54mm x 22mm)

A015 - DicksonWare™ & Download Cable Specifications:

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

PC Requirements: PC w/ 386MHz or faster microprocessor, 4 MB 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): 6.0.0.5

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

Made in U.S.A.

rev. 04/06

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Ordering Information

TO GET STARTED: SX100 and A015

Description	Order No.
Temperature Data Logger	SX100
DicksonWare™ Software & Serial Download Cable - English	A015
DicksonWare™ Software & Serial Download Cable - French	A035
DicksonWare™ Software & Serial Download Cable - Spanish	A045

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
Waterproof Pouch	A713
Locking Wall Mount Case	A715
Certificate of Validation	N520

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