

DICKSON SP100

PRO SERIES TEMPERATURE DATA LOGGER

The Dickson SP100 sets a new standard in accurate, easy-to-use, affordable PC based recording. The SP100 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 SP100 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 SP100 is the perfect instrument!

Specifications:

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

Temperature Sensor: Internal digital temperature sensor

Temperature Accuracy (internal): ±1.8°F (±1°C) over range +14 to +176°F (-10 to +80°C); ±3.6°F (±2°C) over range +14 to -40°F (-10 to -40°C)

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

Data Storage: 32,000 sample points

Download Time: 10 minutes to 63% of full scale

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

Response Time: 3 minutes with full data logger

Power Supply: 3V Lithium coin cell battery, approximately 5 years at 1 minute sampling (factory replaceable)

Power Status Indicator: LED, flashes when sampling

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

Calibration: User - zero point using SW400 software; Factory: zero and span

Resolution: 0.1°F (0.1°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 and XP

PC Requirements: PC w/ 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): 5.0.1.4

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: SP100 and A015

Description	Order No.
Pro Series Temperature Data Logger	SP100
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
Calibration Software	SW400
Certificate of Validation	N520
DicksonWare™ Multi-user License 10 Seat*	SW010

*Other multi-user licenses available, ask customer service.

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