

DICKSON SM720/725

TEMPERATURE NETWORK LCD DISPLAY LOGGERS

Introducing our best data loggers ever! Dickson's new series of Temperature Network Data Loggers with Jumbo Display offer all of the key features you've been looking for including: High/Low Alarm, Min/Max Display, Super high-speed USB 2.0 Connectivity, One Step Data Transfer using removable SD FLASH memory cards and 1 Second Sample Rate. High Accuracy Temperature Models, Remote Probe Models and Ethernet Connectivity.

Featuring Ethernet connectivity, letting you view graphs, download logged data and modify logger settings on one or multiple loggers connected to your local area network from your PC or over the internet using a VPN or pc Anywhere™.

Additional Features:

Model	Accuracy	Remote Probe	Network Connectivity
SM720	±1.8°F	1 K-Thermocouple	Yes
SM725	±1.8°F	2 K-Thermocouple	Yes

Featuring our fastest data download ever! Download data in just seconds, using new USB port compared to 1.5 minutes using standard serial port. Or, leave the logger in the field and use memory cards to transfer data to your PC.

Specifications:

Temperature Range - External: Full Range using A203 K-Thermocouple Probe: -300 to +2000°F (-184 to +1093°C)

Range with standard K-Thermocouple Probe: -300 to +400°F (-184 to +204°C)

Temperature Accuracy: ±1.8°F (±1°C) logger only;

External Sensor: 4' Teflon coated K-Thermocouple bead-wire probe with mini-connector

IP Rating: IP20

Download: USB, Serial, or Memory Card

Ambient Operating Conditions (logger only): -4 to +158°F (-20 to +70°C); 0 to 95% RH non-condensing

Storage Conditions (logger only): -40 to +176°F (-40 to +80°C); 0 to 100% RH non-condensing

Keypad - Type/Functions: 3 buttons with tactile feedback; Min/Max, Alarm, Download

Response Time: 1 min. to 63% FS, typical - dependent on K-type probe used

Display: 2.0" x 1.375" V.A. 4 digit LCD, TN positive mode, Reflective

Resolution: Logger: 0.1° From 0.0 to 999.9; 1° over 1000

Power Supply Type: AC Adapter

Battery Type/Life: 9 V battery (backup only)

AC Adapter (Included): Input Voltage/Current: 120VAC / 60Hz / 16W; Output Voltage/Current: 9VDC / 1A;

Input Connection: Plugs directly into outlet; Output Connection: 3.5mm phone plug; Length: 6 feet

Sample Interval: Variable from 1 sec. to 24 hours in 10 sec increments

Memory Type: EEPROM, Removable Flash Storage Device

Number of Samples: 32,000 (16,000 per channel) measurements

Alarms Types: High/Low audible alarm

Approvals: CE

Calibration: User: zero pt.; Factory: zero and span

Enclosure - Type: Polycarbonate

Mounting: Wall mountable via keyhole slots

Dimensions - Enclosure: 4.0" x 3.0" x 1.6" (10.2cm x 7.7cm x 3.9cm)

Weight: 9 oz.

Includes: Batteries, instruction manual; SM720: K-Type Thermocouple beadwire probe; SM725: 2 K-Type Thermocouple beadwire probes

DicksonWare™ & Download Cable Specifications:

DicksonWare™ Minimum Version Required: DicksonWare™ SECURE version 9.0

Compatible With: A026: Microsoft Windows® 98, 2000, and XP

PC Requirements: PC with 486 MHz or faster microprocessor, 16 MB RAM (A026), 1 USB root hub (A026), CD drive, VGA monitor or better

Cable Type/Length: A016/A026: USB male series "A" plug to 5-pin male series "B" mini plug, 6' (2 meters)

Computer Interface: RS-232 serial (COM) port or USB

Network Connection: Standard Ethernet



Models shown with optional FLASH memory card

DICKSON SM720/725

TEMPERATURE NETWORK LCD DISPLAY LOGGERS

Ordering Information

Description	Order No.
LCD Display Temperature Network Data Logger w/ External K-Thermocouple Probe	SM720
LCD Display Temperature Network Data Logger w/ 2 External K-Thermocouple Probes	SM725

Accessories

Description	Order No.
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - English	A026
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - French	A038
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - Spanish	A048
Removeable FLASH Storage Device	A210
Card Reader Kit	A220
NIST Traceable Calibration 1-pt. (new units)	N100
NIST Traceable Calibration 3-pt. (new units)	N300
A2LA Accredited Calibration 3-pt. (new units)	N400
Certificate of Validation	N520
Logger Calibration Software	SW400
Extra USB Logger Download Cable	A061
Network Cable 7 ft.	A870
Network Cable 25 ft.	A871
Universal International AC Adapter	R065

Optional Probes

Description	Order No.
4" Piercing Probe, 5' Coiled Cable, +1650°F (+900°C)	D605
5" Immersion Probe, 5' Coiled Cable, +1650°F (+900°C)	D608
6" High Temperature Basic Probe, +2100°F 316 Stainless Steel	A203

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. 01/07