

DICKSON TM320/325/725

TEMPERATURE AND HUMIDITY LCD DISPLAY LOGGERS

Introducing our best data loggers ever! Dickson's new series of Temperature/Humidity 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/Humidity Models, Remote Probe Models and Network Models Available.

Model TM725 features 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	Temperature Accuracy	RH Accuracy	Remote Probe	Network Connectivity
TM320	±0.8°F	±2%		
TM325	±0.8°F	±2%	Yes	
TM725	±0.8°F	±2%	Yes	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:

Humidity Range: 0 to 95% RH

Humidity Sensor: Monolithic IC Humidity Sensor

Humidity Accuracy: ±2% RH @ 77°F (25°C)

Temperature Range - Internal (TM320): -4 to +158°F (-20 to +70°C)

Temperature Range - External (TM325 & TM725): -40 to +185°F (-40 to +85°C)

Temperature Sensor: Thermistor

Remote Probe Length: 6' cable (TM325/725)

Temperature Accuracy: ±0.8°F (±0.5°C)

IP Rating: IP20

Download: USB, Serial, or Memory Card

Network Connection (TM725): Standard Ethernet:

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;

Probe: -40 to +185°F (-40 to +85°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

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: TM320 & TM325: Batteries, 4 AA Alkaline, AC adapter - optional; TM725: AC Adapter

Battery - Type/Life: TM320 & TM325: AA alkaline, user replaceable; 6 months typical @ 1 minute sample intervals;

TM725: 9 V battery (backup only)

AC Adapter (Included with TM725 only): 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" (10.2 cm) x 3.0" (7.7 cm) x 1.6" (3.9 cm)

Weight: 9 oz.



TM320



TM325 & TM725
Models shown with optional
FLASH memory card

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.

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TEMPERATURE AND HUMIDITY LCD DISPLAY LOGGERS

Includes: Batteries, instruction manual

DicksonWare™ & Download Cable Specifications:

DicksonWare™ Minimum Version Required:

Models TM320 & TM325: DicksonWare™ version 8.3

Model TM725: DicksonWare™ SECURE version 8.3

Compatible With: A015/A025: Microsoft Windows® 95, 98, 2000, NT and XP;

A016/A026: Microsoft Windows® 98, 2000, and XP

PC Requirements: PC with 486 MHz or faster microprocessor, 4 MB RAM (A015), 16 MB RAM (A016/A026/A025), 1 free COM (serial) port with dedicated interrupt (A015/A025) or 1 USB root hub (A016/A026), CD drive, VGA monitor or better

Cable Type/Length: A015/A025: 9 pin female D-shell to male 2.5mm stereo plug, 6 feet;

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 (TM725): Standard Ethernet

Ordering Information

Description	Order No.
Midsized Display Temperature & Humidity Data Logger	TM320
Midsized Display Temperature & Humidity Data Logger w/ Remote Probe	TM325
Midsized Display Temperature & Humidity Network Data Logger w/ Remote Probe	TM725

Accessories

Description	Order No.
DicksonWare™ Software and USB Cable - English	A016
DicksonWare™ Software and Serial Cable - English	A015
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - English	A026
DicksonWare™ SECURE Software and Serial Cable (21CFR11 Compliant) - English	A025
DicksonWare™ Software and USB Cable - French	A036
DicksonWare™ Software and Serial Cable - French	A035
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - French	A038
DicksonWare™ SECURE Software and Serial Cable (21CFR11 Compliant) - French	A037
DicksonWare™ Software and USB Cable - Spanish	A046
DicksonWare™ Software and Serial Cable - Spanish	A045
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - Spanish	A048
DicksonWare™ SECURE Software and Serial Cable (21CFR11 Compliant) - Spanish	A047
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
AC Adapter (recommended for continuous display)	R157
Extra Serial Logger Download Cable	A060
Extra USB Logger Download Cable	A061
RH Calibration Kit (12% & 75%) for use with TM125 only	A834
Probe Dust Filter (TM325 only)	A867
Network Cable 7 ft. (TM725)	A870
Universal International AC Adapter	R065
Network Cable 25 ft. (TM725)	A871

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