DICKSON TM320/325

To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc.
Click here>> www.raeservices.com/services/quote.htm

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 and Remote Probe Models.

Additional Features:

Model	Temperature Accuracy	RH Accuracy	Remote Probe
TM320	±0.8°F	±2%	
TM325	±0.8°F	±2%	Yes

TM320

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): -40 to +185°F (-40 to +85°C)
Temperature Sensor: Thermistor
Remote Probe Length: 6 ' cable (TM325)
Temperature Accuracy: ±0.8°F (±0.5°C)
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;
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, IN positive mode; Reflective
Resolution - Logger: 0.1° From 0.0 to 999.9; 1° over 1000
Power Supply - Type: Batteries, 4 AA Alkaline, AC adapter - optional
Battery - Type/Life: AA alkaline, user replaceable; 6 months typical @ 1 minute sample intervals
AC Adapter (Not 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" (10.2 cm) x 3.0" (7.7 cm) x 1.6" (3.9 cm)
Weight: 9 oz.
Includes: Batteries, instruction manual

TM325
Models shown with optional
FLASH memory card

DICKSON TM320/325

TEMPERATURE AND HUMIDITY LCD DISPLAY LOGGERS

DicksonWare™ & Download Cable Specifications:

DicksonWare™ Minimum Version Required: DicksonWare™ version 8.3
Compatible With: A016/A026: Microsoft Windows® 98, 2000, and XP
PC Requirements: PC with 486 MHz or faster microprocessor, 16 MB RAM (A016/A026/A025), 1 USB root hub (A016/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

Ordering Information

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

Accessories

Description	Order No.
DicksonWare™ Software and USB Cable - English	A016
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - English	A026
DicksonWare™ Software and USB Cable - French	A036
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - French	A038
DicksonWare™ Software and USB Cable - Spanish	A046
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
AC Adapter (recommended for continuous display)	R157
Extra USB Logger Download Cable	A061
Probe Dust Filter (TM325 only)	A867
Universal International AC Adapter	R065