

DICKSON VFC320/325

VACCINE TEMPERATURE DATA LOGGERS

Dickson's new Vaccine Temperature 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 and One Step Data Transfer using removable SD FLASH memory cards.

Glycol bottles provide temperature stabilization thus eliminating false alarms due to refrigerator and freezer cycling and frequent door opening.

Additional Features:

Model	Accuracy	Remote Probe
VFC320	±1.8°F	1 K-Thermocouple
VFC325	±1.8°F	2 K-Thermocouple

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 - Internal (VFC320): -4 to +158°F (-20 to +70°C)

Temperature Range - External:

Range with standard K-Thermocouple Probe: -20 to +158°F (-29 to +70°C)

Temperature Accuracy - ±1.8°F (±1°C)

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

Internal Sensor (VFC320): Thermistor

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, Save

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: 4 AA Alkaline batteries and AC adapter

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

AC Adapter - 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: One sample per channel every 5 minutes

Memory Type: EEPROM, Removable Flash Storage Device

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

Alarms - Types: High/Low audible alarm; visual "ALRN" on display

Alarm Delay: User selectable option to delay alarm notification - in minutes - to eliminate false alarms due to cycling and frequent door openings

Approvals: CE

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

Glycol Solution: Propylene glycol in glass bottle

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: All Models: Batteries, instruction manual, AC adapter with 10' extension cable, velcro mounting strip, standard certificate of validation; VFC320: K-Type Thermocouple beadwire probe; VFC325: 2 K-Type Thermocouple beadwire probes



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. 07/06

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DicksonWare™ & Download Cable Specifications:

DicksonWare™ Minimum Version Required:

Models VFC320, VFC325: DicksonWare™ 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

Ordering Information

Description	Order No.
LCD Display Temperature Data Logger w/ External K-Thermocouple Probe	VFC320
LCD Display Temperature Data Logger w/ 2 External K-Thermocouple Probes	VFC325

Accessories

Description	Order No.
DicksonWare™ Software and USB Cable - English	A016
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - English	A026
Removable FLASH Storage Device	A210
Card Reader Kit	A220
NIST Traceable Calibration 1-pt.	N150
NIST Traceable Calibration 3-pt.	N350
A2LA Accredited Calibration 3-pt.	N450
Certificate of Validation	N520
Logger Calibration Software	SW400
Extra USB Logger Download Cable	A061
AC Adapter (recommended for continuous display)	R157
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

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