# Dickson

# VFC320

Phone: 1-800-757-3747 or 1-630-543-3747 | Fax: 1-630-543-0498 | Email: support@dicksondata.com | Website: DicksonData.com

# Vaccine Data Logger



# Specifications

**Alarm Type:** Audio/Visual on High/Low Temp Limits

**Ambient Operating RH Conditions :** 0-95% RH non-condensing (Logger only)

**Ambient Operating Temperature Conditions:** -4 to 158F (-20 to 70C)

**Approvals:** CE

**Battery Backup:** 4 AA batteries

**Battery Life (Avg):** 6 Months

**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug. Serial - 9 pin female D-shell to male 2.5mm stereo plug

**Cable Length:** 6ft

**Calibration Options:** N100, N300, N400, N520

**Channels:** CH1: Temperature, CH2: Temperature

**Data Capacity:** 32,000

**Dimensions:** 1.6 x 3 x 4in

**Display Dimensions Height:** 1.375

**Display Dimensions Width:** 2.0

**Display Resolution:** 0.1 from 0.0 to 999.99; 1 over 1000

**Display Type:** LCD

**Display Update Rate:** 10 Seconds (Battery Power), 1 Minute (AC Power)

**Download Time:** 1 Minute (USB), 3 Minutes (Serial)

**Download Type:** USB / Serial / Flash Card

**IP Rating:** 20

**Included Accessories:** Four AA Batteries, Quick Start Guide, 4' Bead-Wire Probe and Glycol Bottle. *Software is not included.

**Memory Type:** EEPROM, Removable Flash Storage Device

**Minimum Software Version Required:** 8.0

**Mounting Options:** Wall Mount (With Keyhole)

**Network Connectivity:** MP100

**PC Requirements:** Microsoft Windows 98 or newer, 16 MB RAM, 1 free COM (serial) port with dedicated interrupt or 1 USB root hub, CD drive, VGA monitor or better

**Power Source:** 4 AA Batteries

**Power Source Notes:** AC Power is optional, and sold separately

**Power Status Indicator:** LCD Display

**Remote Probe Accuracy:** 0.3% of Full Scale

**Remote Sensor Length:** 4

**Remote Sensor Type:** 1 K T/C with Mini Connector

**Response Time:** 30 Seconds to 63% of Full Scale

**Sample Interval:** User Selectable (from 5 minutes to 20 minutes, in 1 minute increments).

**Software Options:** A015, A016, A025, A026

**Temperature Accuracy:** +/-1.8F from -22 to 122F 3.8F Remaining (+/-1C from -30 to 50C 2.1C Remaining)

**Temperature Range:** -20 to 158F (-29 to 70C)

**Temperature Sensor Type:** Thermistor/Thermocouple

**Unit Weight:** 3 lbs

**Units/Pkg:** 1

**Warranty:** 12-Month Limited

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# Calibrations

**N100:** 1-Point NIST Traceable Calibration
**N300:** 3-Point NIST Traceable Calibration
**N400:** 3-Point Ultima NIST A2LA Accredited Calibration

# Accessories

**A016 - Software**
DicksonWare Software with USB  Cable

**A026 - Secure Software**
DicksonWare Secure Software with USB Cable

**A061 - USB Download Cable**
USB Download Cable - length 6 feet (2m)

**A210 - Memory Card**
Removable Flash Memory Card

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**A220 - Card Reader Kit**
Includes USB Reader and Flash Memory Card

**A340 - Glass Beads Bottle**
Bottle of Glass Bead Solution - Dampen Temperature Swings.

**R006 - AA Battery**
AA Alkaline Battery

**R013 - Temperature Probe**
Replacement Bead Wire Temperature Probe

**R065 - Universal Plug Kit for AC Adapter**
Set of Three International Power Plugs for AC Adapter

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# Accessories

**R157 - AC Adapter**
AC Adapter

**A062 - AC Adapter Extension Cable**
10' Power Extension for R157 AC Adapter