

# DICKSON HT100/120/125

## HIGH TEMPERATURE DATA LOGGER

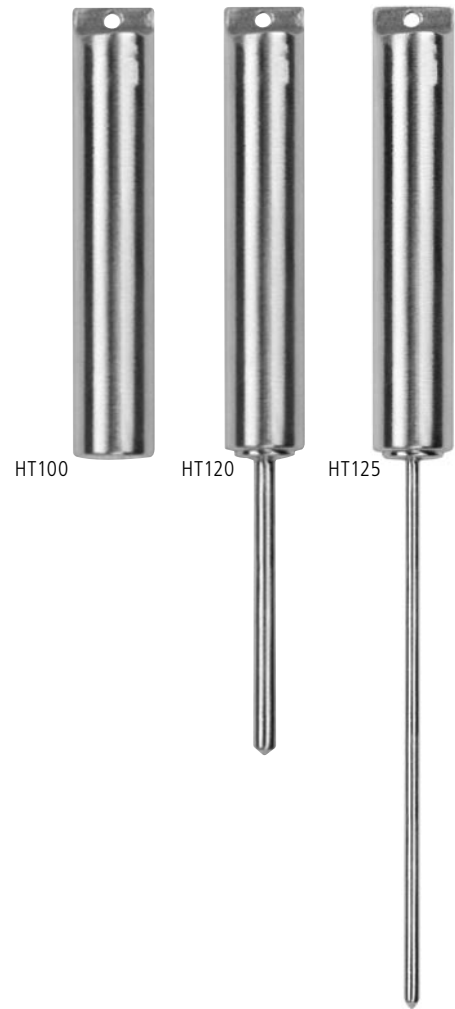
The HT100, HT120 & HT125 were developed to handle the extreme temperatures and conditions previously impossible for a data logger. With a temperature monitoring range of -40 to +257°F and a waterproof case constructed of stainless steel, the HT100, HT120 & HT125 are ready for your toughest applications. Perfect for HACCP, FDA, pharmaceutical, medical agricultural and oil & gas applications.

Compatible with our newest presentation software - DicksonWare™

- Real time monitoring and graphing
- Faster downloads
- Makes exporting to other software a snap!
- Test a demo version at [www.dicksonweb.com](http://www.dicksonweb.com)

### Model Features:

- HT100: Compact, only 3.69" x 0.6875" DIA. Perfect for tight locations, oil & gas and process applications.
- HT120: Features a 2.5" x 3/16" DIA probe. Perfect for monitoring liquids and solids in freezers, autoclaves, incubators and baths. Also perfect for monitoring soil and sand temperatures
- HT125 features a 5" x 0.11" DIA. probe. Made to meet the requirements of HACCP. Monitor meat in smokers and coolers and much more.



### Specifications:

**Temperature Range:** -40 to +257°F (-40 to +125°C)

**Temperature Accuracy:** ±1.8°F (±1°C) over range -4 to +212°F (-20 to +100°C)  
±3.6°F (±2°C) over range -40 to +257°F (-40 to +125°C)

**IP Rating:** IP68

**Sensor Type:** Internal Thermistor

**Battery Type:** Lithium 3.6V (non-replaceable)

**Battery Life:** 5 years typical at 1 minute sample intervals

**Battery Storage Life:** >10 years typical when not logging

**Repairs:** Unit non-repairable, practical life of unit, 5 years

**User Calibration:** Zero calibration w/ SW400 software

**Sample Point Storage\*:** 7936 measurements

**Download Time:** 45 seconds, typical with logger full

**Response Time:** HT100: 15 min. to 63% of Full Scale, typical; HT120/125: 5 min. to 63% of Full Scale, typical

**Resolution:** 0.1°F (0.1°C) at +70°F; 1°F (0.6°C) over range -40 to +257°F (-40 to +125°C)

**Approvals:** CE

**Enclosure Type:** 316 Stainless Steel

**Dimensions (enclosure):** HT100: 3.69" (9.37cm) x 0.6875" (1.75cm) DIA; HT120: 6.25" (15.88cm) x 0.6875" (1.75cm) DIA;  
HT125: 8.69" (22.07cm) x 0.6875" (1.75cm) DIA, Probe 0.11" (0.28cm) DIA

**Weight:** HT100: 2.5oz (72g); HT120: 2.7oz (78g); HT125: 2.7oz (78g)

### A015 - DicksonWare™ & Download Cable Specifications

**Compatible With:** Microsoft Windows® 95, 98, 2000, NT and XP

**PC Requirements:** PC with 386 MHz or faster microprocessor, 4M RAM, 1 free COM (serial) port, CD drive

**Cable Type/Length:** 9 pin male D-shell to male 2.5mm stereo plug, 6' long

**Computer Interface:** RS-232 COM (serial) port

**DicksonWare™ Version Required (minimum):** 6.0.2.11

\* Sample points are a logger's data storage capacity. For example, the HT100 High Temperature Data Logger can store up to 7,396 sample points. If you request a temperature sample every minute, it would record for 5.5 days before filling the memory, recording every 10 seconds would take 22 hours to fill, and so on. You can set the sample rate from 10 seconds to 24 hours in 10 second increments.

## DICKSON

[www.dicksonweb.com](http://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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## HIGH TEMPERATURE DATA LOGGER

### Ordering Information

Description	Order No.
High Temperature Data Logger w/ 5" Piercing Probe	HT125
High Temperature Data Logger w/ 2.5" Piercing Probe	HT120
High Temperature Data Logger	HT100
DicksonWare™ Software & Serial Download Cable - English	A015
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 Compliant) - English	A025
DicksonWare™ Software & Serial Download Cable - French	A035
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 Compliant) - French	A037
DicksonWare™ Software & Serial Download Cable - Spanish	A045
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 Compliant) - Spanish	A047

### Accessories

Description	Order No.
NIST Traceable Calibration 3-pt. (new units)	N300
NIST Traceable Calibration 1-pt. (new units)	N100
A2LA Accredited Calibration 3-pt.	N400
Calibration Software	SW400
Certificate of Validation	N520
DicksonWare™ Multi-user License, 10 seat*	SW010

\* Other multi-user licenses available, ask Customer Service

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