

## High Temperature Process Logger



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## Specifications

**Approvals:** CE

**Battery Life (Avg):** 9 months (at 1 Minute Sample Rate, Ambient Temperature)

**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug

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

**Channels:** CH1: Temperature

**Data Capacity:** 32,512 Sample Points

**Dimensions with Flat Cap:** 2.1" x 3.0" DIA (5.4 x 7.7cm)

**Dimensions with Handled Cap:** 2.75" x 3.0" DIA (7.0 x 7.7cm)

**Download Time:** 1 Minute (Approximate)

**Download Type:** USB

**Enclosure:** FDA Compliant Glass Filled PBT

**IP Rating:** 67 (Probe can be completely submerged in material. Logger can not. Logger will function properly during spray down and cleaning.)

**Included Accessories:** Tadiran Battery and Quick Start Guide (Software not included)

**PC Requirements:** Microsoft Windows XP or higher, 1 free USB root hub, and CD Drive

**Power Source:** High Energy Lithium Tadiran Battery 2/3 AA (User Replaceable) TLH-5955

**Response Time:** 15 Minutes to move 63% of Full Scale

**Sample Interval:** User Selectable (from 1 second to 24 hour intervals, in 1 second increments)

**Software Options:** A016, A026

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

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

**Temperature Range Note:** Probe Temperature Range = -300 to 2000F (-184 to 1093C) (Standard Bead Wire: Max 500F)

**Temperature Sensor Type:** K-Thermocouple

**Unit Weight:** .75lb (12oz)

**Units/Pkg:** 1

**Warranty:** 12-Month Limited

## Calibrations

**N100** 1-Point NIST Traceable Calibration

**N300** 3-Point NIST Traceable Calibration

**N400** 3-Point Ultima NIST A2LA Accredited Calibration

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## Accessories



**A016 - Software**

DicksonWare Software with USB Cable



**A026 - Secure Software**

DicksonWare Secure Software with USB Cable



**N520 - Certificate of Validation**

Certificate of Validation



**R170 - Battery TLH-5955**

Tadiran TLH-5955 Ht200/220/225



**D617 - Probe Extension**

K-Thermocouple 10' (3m) Extension Cable

## Accessories



### **D611 - Shielded Immersion Probe**

15' (4.5m) Shielded Thermocouple with 4" (10cm) stainless steel tip



### **D605 - Piercing Probe**

4" (10cm) Thermocouple Handled Piercing Probe