
High Temperature Process Logger



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-5944

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

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