Manuals+

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DICKSON Process Logger HT350

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Getting Started

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- Stop or Wrap When Full – Wrap
- Dickson Ware™ Unit of Measure – OF

Quick Start

Install DicksonWare™

- Version 17.27 or higher

Install Battery

- Remove the case lid carefully by twisting the cap counter clockwise.
- Using a Philips head screw driver remove the battery door and insert the battery Orientation illustration located in battery compartment.
- Replace the battery door and screw down tightly.
- It may take up to 5 seconds for the unit to power on
- Open DicksonWare™ software via the icon on your desktop

Setup Logger

- The USB port is located above the battery door
- Connect the USB cable to the logger and to an available working USB port on your PC
- Your computer should detect the logger when it is powered on and connected to the computer via the USB connection. Depending on your version of Windows, the computer may go through an Add New Hardware routine. Click on the Setup button. You will be prompted to select USB or Serial COM Port Connection. Select USB then Click Continue. A Setup window will appear. All fields should be automatically filled in, confirming that Dickson Ware™ has recognized your logger. Should all fields remain blank, refer to the troubleshooting section in this manual
- Once DicksonWare™ recognizes the logger, press the Clear button. This will delete all data currently stored
- Connect the K-TC probe to the bottom of the logger. The logger is now ready to be placed in the desired logger location.

LED

Below are the possible LED states and the conditions they represent

- Green flash every 10 seconds – Logging
- Red flash every 10 seconds-Logging with low battery
- Amber flash 2x – When battery power is restored

Start & Stop Button

Tells logger to delay logging until the Start & Stop button has been pressed for 2 seconds.

This feature needs to be selected when the logger is setup via DicksonWare (Setup/Samples/Start Date&Time). Hold down on the Start & Stop button, located above the battery compartment, for two seconds until the LED flashes Green 4 times. To stop logging press the Start & Stop button again until the LED flashes Red 4 times.

Note: If the LED flashes Red & Green then the batteries are low and should be replaced. The logger must be cleared in DicksonWare before logging can begin.

Software

(All of these features can be modified by click on the main Setup button.)

Setup (button)

Click this button first to establish communications between the logger and Dickson Ware™ software. You may be prompted to select the communication method between USB or Serial COM port. You may save this setting so you will not be prompted again. This setting is also changeable in File/Preferences/Communications A Setup window will appear with "all fields" populated. This confirms that the software has recognized the logger. Should the fields remain blank then communication has not been established, refer to the Troubleshooting section of this manual

Identification (tab)

This tab provides you with the model and serial number of the logger, as well as the option to set a custom "User ID" by clicking the active "Setup" button to the right of the "User ID" field. This tab also includes the date the unit was calibrated, calibration interval, and factory calibration date.

Samples (tab)

The majority of the setup process takes place in this section. Each field with an active "Setup" button to the right, is a parameter that you can customize

Sample Interval: Tells your logger how frequently to take and store readings.

This can be done in 1 or 10 second intervals. The dialog box for editing the sample interval also indicates how long it will take for the logger memory to fill up with new readings before it either stops saving new samples or begins to wrap. Sub ten second interval should be enabled for desired sample intervals under 10 seconds.

Stop or Wrap when Full: Determines what the logger should do when it is full. The logger will either stop and discontinue logging, or continue logging by wrapping the newest data over the oldest data.

Note: When changing logger settings (sample interval, stop/wrap, and start date and time) the logger will automatically clear all stored data.

Channels (tab)

Click the Adjust button to the right of the temperature value for channel I to change the name of the channel

Alarms (tab)

Alarms are not active on this model.

Download (button)

From the main menu, click on the Download button to automatically extract all logged data into a graph and table format

Customized Graphed Data

Dickson Ware™ calculates MIN. MAX and AVE of all data collected.

Customize data by eliminating unnecessary data points and customize MIN, MAX and AVE to show only desired information.

Export Data

A snapshot of your graph or a real-time graph of points can be easily exported to other programs such as Excel or PowerPoint

Calibration

A Zero Adjust calibration can be performed on this logger. SW400 calibration software is required.

Note: It is strongly recommended that a higher accuracy NIST'd instrument should be used as the standard.

For more accurate calibration, return the instrument to Dickson for calibration in our AZLA Certified lab. Contact Customer Service for a Return Authorization Number before returning for calibration

Need to Know

Logger Settings: When changing logger settings (sample interval, stop/wrap and start

date and time) the logger will automatically clear all stored data.

Fahrenheit/Celsius The Dickson Ware™ default is Fahrenheit. To change graph view in DicksonWare™ to Celsius, go to File/Preferences to change unit of measure

IP Rating: The logger has an IP rating of 67 protecting it during temporary immersion in water

Replacing the Battery

Battery Type. Tadiran TLH-5955 high-energy lithium battery.

Quantity 1. Dickson part R170

If the battery is low. Replace the battery No saved data will be lost Logger will not start logging till cleared in Dickson Ware. Replace the battery and clear the logger in DicksonWare™ before using.

Note: Power draw from the battery cannot be turned off. If decommissioning a logger, remove the battery.

Troubleshooting

What kind of probe can be used with the HT3507

- Any K-TC probe with mini connector.

Why won't the logger communicate?

- Disconnect and reconnect the USB from the logger. Is the logger recognized? If not
  - Is the correct version of DicksonWare™ (v17.27 being used)? If not contact customer service for the latest version.
  - Make sure the battery is good
  - Confirm that USB is selected under File/Preferences/Communications
  - Try another available USB port. If this is the first time attempting to communicate on this PC, or if new software or programs have been installed since the data logger was last used, try reinstalling the software or installing the software on a different PC

Will I lose any saved logged data when replacing the battery?

- No
- The logger will stop logging once battery is replaced. Logger must be cleared in DicksonWare before logging can start

Downloaded data displays reading of -500F (-295.6C).

- Indicates that the probe has been disconnected from the logger.

Warranty

Dickson warrants this line of instruments will be free from defects in material and workmanship under normal use and service for a period of twelve months, after delivery. This warranty does not cover routine calibration or battery replacement. For Specifications and Technical Support, go to http://www.dicksondata.com or contact us via telephone at 800.323.2448.

Factory Service and Returns

Contact Customer Service 630.543.3747 for a Return Authorization Number (RA) before returning any instrument. Please have the model number, serial number and PO ready before calling.

V6 092414

Documents / Resources

	Dickson HT350 HACCP High Temperature Process Logger [pdf] User Guide HT350.pdf, HT350 Manual v6 092414.doc, HT350 HACCP High Temperature Process Logger, HT350, HACCP High Temperature Process Logger, Temperature Process Logger, Process Logger, Logger

References

- User Manual

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🏷 Dickson, HACCP High Temperature Process Logger, HT350, HT350 HACCP High Temperature Process Logger, HT350 Manual v6 092414.doc, HT350.pdf, Logger, Process Logger, Temperature Process Logger

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