

DRI-EAZ

Owner's Manual – DriHawk T-700

DRI-EAZ PRODUCTS, INC.

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The DriHawk is a high-accuracy and quick-response thermo-hygrometer designed for restorative drying applications. It also functions as a Data Logger (requires optional Logging Software) to save, calculate, and chart its readings.

Read and Save These Instructions

WARRANTY

FILL OUT WARRANTY CARD: Please stop before proceeding and fill out warranty card.

INSPECT ON ARRIVAL: When your Dri-Eaz product arrives, check it immediately for signs of shipping damage. If you notice damage, save the shipping carton for claim purposes, and immediately report the problem to your supplier and the shipping company. We recommend you save the carton for shipping in case the product ever needs repair at a remote location.

Dri-Eaz promises the original purchaser, to perform the following as needed to correct defects in materials and workmanship:

- 1) One year on parts and labor to cover the repair of a Dri-Eaz Instrument, for a period of one year from the date of purchase;
- 2) 90 days on shipping to cover shipping costs for the repair of a Dri-Eaz Instrument, both to and from the Service Center, for a period of 90 days from the date of purchase.

LIMITATIONS: This warranty shall not extend to any products showing effects of misuse, accident damage, disassembly, alteration, lack of proper maintenance, corrosive chemicals, improper voltage, unauthorized repairs, use of other than genuine parts and materials, fire, flood, normal wear and tear, or any other causes beyond Dri-Eaz Products' control. The warranty obligation extends only to the repairs or replacement of parts found, upon Dri-Eaz Products' examination, to be defective. The foregoing constitutes the entire warranty and no other warranty, liability, contingency or responsibility, direct, indirect, consequential or in any way connected with the sale or operation of products is expressed or implied.

TO RECEIVE WARRANTY SERVICE: You must write or call for a Return Authorization. We require that you have the serial number available. The Dri-Eaz Service Department authorizes all costs, including shipping, for any Service Centers world-wide. Please direct questions to an authorized distributor, or to Dri-Eaz at (360) 757-7776, extension 238.

THE DRIHAWK T-700

Congratulations on your selection of a DriHawk T-700, designed for accurate measurement of relative humidity and temperature. The unit can also log (continuously record) measurements for downloading to a personal computer using optional DriHawk Logging Software.

OPERATION

The DriHawk T-700 has a two-line LCD display and two function push-buttons.



ON-OFF. Press to switch the power on or off. This automatically begins the reading of temperature (top line) and relative humidity (bottom line) on the LCD screen.



LOGGING. Press to begin or end a logging session. (DriHawk Logging Software is required to access the logging function.)



TOGGLE BETWEEN °F AND °C. Depress the ON/OFF and LOGGING buttons at the same time, to toggle the temperature reading between Fahrenheit and Celsius.

BATTERY

The meter uses a standard 9-volt battery, located under a protective lid on the backside of the meter. When battery voltage is low, the words "Low Battery" appear on the display.

CALIBRATION

The DriHawk T-700 will provide consistent readings over a long period of time, however calibration may be required if the unit is exposed repeatedly to certain environmental conditions. Please contact the Dri-Eaz Service Department for calibration questions.

INSTRUCTIONS FOR USE

To get the best information about the drying progress of both structures and materials, we recommend you record and evaluate

the temperature and humidity in affected, unaffected, and outdoor areas at regular intervals.

The sensor of the DriHawk is affected by airflow, nearby sources of heat or humidity, and similar environmental conditions. The most reliable readings are acquired by placing the meter on a shelf or counter with the probe protruding into the ambient air, away from strong drafts or heat sources (including airmovers and dehumidifiers), and away from your own hand or breath. Allow the sensor to acclimate before taking the reading.

SPECIFICATIONS

Rh - Range	0 - 100%
Rh - Accuracy	±2% Rh (from 10%-90% Rh)
Temp - Range	32° F to 158° F 0°C to 70°C
Temp - Accuracy	± 0.9 F or ± 0.5 C (from 0°C to 70°C)
Display	LCD, 2-line 1-decimal readings
'Low Battery' indicator	Below 5.5 volts
Battery type	Standard 9-volt
Dimensions (W x H x D)	2.2" x 6.3" x 1" 57 x 160 x 27 mm
Calibration	At Dri-Eaz Products
Logging Capacity	8,000 data points 4,000 per channel

OPTIONAL LOGGING SOFTWARE

The DriHawk T-700 contains the technology required to function as a data logger when combined with optional DriHawk Logging Software. Once purchased, just load the data logging software onto a computer. Attach the DriHawk T-700 to your PC computer (cable provided with software) and upload the data logger settings. Remove the DriHawk T-700. And log data. After logging data, attach the DriHawk unit to your computer and download the stored data. The software program calculates Humidity Ratio, graphs job performance, and creates finished reports.