

# DICKSON TP325

PRO SERIES USB TEMPERATURE & HUMIDITY DATA LOGGER

Dickson's Pro Series Temperature/Humidity Data Logger now feature a LCD display and push-to-start! The new TP325 features high speed USB connectivity, user replaceable battery, a current min/max display, and convenient push-to-start functionality setting a new standard in accurate, easy-to-use, affordable PC based recording.

The TP325 is a self-contained, low cost temperature/humidity data logger with an internal sensor for monitoring temperature and humidity. Due to its compact size and rugged design the TP325 can be placed just about anywhere.

User-friendly DicksonWare™ software makes it simple to integrate recorded temperature and humidity data into documents and spreadsheets, giving results a professional, polished look. When fulfillment of regulatory requirements or accurate recording of temperature for quality control is needed, the TP325 is the perfect instrument.



## Specifications:

**Internal Temperature Range:** -4 to +158°F (-20 to +70°C) (non-condensing)

**Internal Temperature Sensor:** Internal digital temperature sensor

**Internal Temperature Accuracy:** ±0.8 °F (±0.5°C) over range +20 to +120°F (-6 to +48°C), ±1.8°F (±1.0°C) < +20°F (-6°C) and > +120°F (+48°C)

**RH Range:** 0 - 95%

**RH Accuracy:** ±2% RH at 0% to 60% RH; ±3% RH at 60% to 95% RH, non-condensing

**Humidity Sensor:** Monolithis RH IC sensor

**Ambient Operating Conditions:** -4 to +158°F (-20 to +70°C); 0 to 95%RH (non-condensing)

**Display:** 2.5 digit LCD, 1.2" x 0.9", TN, reflective

**Download Time:** @ 1 minute

**Display Resolution:** 1°F/1% RH

**Indicators:** Display flashes when unit is not logging.

**Display Update Rate:** Every 20 seconds

**Min/Max:** User selectable display of current or min/max curent scroll. Button on back of unit to reset min/max display readings

**IP Rating:** IP20

**Data Storage:** 32,512 sample points (16,256 per channel)

**Sample Interval:** Records data in configurable 1 second to 24 hour intervals in 1 second increments

**Power Supply:** CR123 Lithium; life 1 year typical; user replaceable

**Calibration:** User-zero point using SW400 software; Factory: zero and span

**Logger Resolution:** 0.1 F (0.1 C), 1%RH

**Response Time:** Internal Channel: 10 minutes to move 63% of full scale

**Enclosure:** Polycarbonate

**Memory:** Non -volatile (retains data when battery is removed)

**Approvals:** CE

**Weight:** Approx 4 oz

**Dimensions:** 1.34" x 3.08" x 2.25" (3.4 cm x 7.8 cm x 5.7 cm)

## A016 -DicksonWare™ Specifications:

**Compatible With:** Microsoft Windows © 98 and up

**PC Requirements:** PC w/486MHz or faster microprocessor, 16 MB RAM, 1 free USB root hub, CD drive, VGA Monitor or better

**Cable Type/Length:** USB male series "A" plug to 5-pin male series "B" mini plug, 6' (2 meters)

**Computer Interface:** USB

**DicksonWare™ Version Required (minimum):** 11.0

## 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.

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## Ordering Information

### TO GET STARTED: TP325 and A016

Description	Order No.
Pro Series Temperature/Humidity Data Logger w/ USB	TP325
DicksonWare™ Software & USB Download Cable - English	A016
DicksonWare™ SECURE Software & USB Download Cable - English	A026
DicksonWare™ Software & USB Download Cable - French	A036
DicksonWare™ Software & USB Download Cable - Spanish	A046

## 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. (new units)	N400
Calibration Software	SW400
Certificate of Validation	N520

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