



### General

Part Number: DTH35

Universal Product Code: 053533506938

Catalog Description: Digital Pocket Psychrometer

Description: The DTH35 Digital Psychrometer measures temperature, relative humidity and calculates wet bulb, dew point and enthalpy of moist air (air with humidity). The housing design is useful for in-duct measurement, as well as ambient or vent outlet applications.

### Features

- Min/Max
- Data hold
- Designed for in-duct measurement
- Probe cover functions as an extension for hard to reach areas

### Logistics

Package type: Clamshell/Slidecard

Item Height: 9.37 in

Item Width: 1.7 in

Item Depth: 0.72 in

Item Weight: 0.2 oz

Unit Height: 11.8 in

Unit Width: 4.5 in

Unit Depth: 0.83 in

Unit Weight: 0.35 oz

Tariff No: 9025.80.3500

Country of Origin Code: CHINA

Prop 65 Warning: WARNING: This product can expose you to chemicals including Cobalt, Lithium and Nickel Oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Hazmat: No

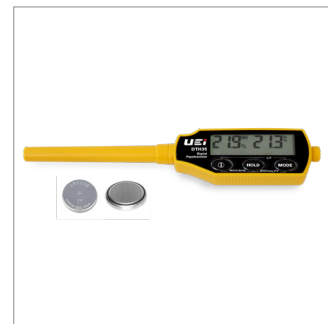
### Battery Details

Power Supply Batteries

Battery Type (CR2032)

Number of Batteries 2

Battery Composition



### Includes

Batteries 2 (CR2032)

Manual (17050)

## Specifications

	Tair	RH	WBT	DP	Enthalpy
Range	-4.0° ~ 122.0°F (-20.0° ~ 50.0°C)	0.1% ~ 99.9%	5.0° ~ 121.8°F (-15.0° ~ 49.9°C)	-4.0° ~ 121.8°F (-20.0° ~ 49.9°C)	-1.0 ~ 125BTU/LB (-2.2 ~ 292KJ/KG)
Resolution	0.1°F (0.1°C)	0.1%	0.1°F (0.1°C)	0.1°F (0.1°C)	0.1BTU/LB or KJ/ KG(measured value <100) 1 BTU/LB or KJ/KG(Other range)
Accuracy	±1°F (±0.6°C) (32 ~ 122°F (0 ~ 50°C)) ±2°F (±1.2°C) (Others)	±3.0% (10 ~ 90% @ 77°F (25°C)) ±5% (other)	±2°F (±1.2°C) (RH: 20 ~ 90%) ±3.8°F (±2.1°C) (RH: 10 ~ 20%)	±1.8°F (±1.0°C) 40 ~ 90 % ±3.6°F (±2.0°C) 20 ~ 40 % ±7.2°F (±4.0°C) 10 ~ 20 %	
Max/Min function	YES				
Backlight	Press any key to activate the blue backlight for 10 seconds				
Auto power off	20 minutes (“ON/OFF”+ “HOLD” > 2 seconds to power meter on and disable “Auto power off” function)				
Low battery	Low Voltage indicator				
RH Calibration	2 points calibration (32.8% & 75.3%)				
Battery life (2pcs CR2032)	>110 Hours without backlight				

## Support Files

- Main photo: [https://www.ueitest.com/ecommerce/site/content/PDFs/DTH35/DTH35\\_PP\\_A\\_VP.png](https://www.ueitest.com/ecommerce/site/content/PDFs/DTH35/DTH35_PP_A_VP.png)
- Application photos: <https://www.ueitest.com/ecommerce/site/images/thumbnails/DTH35/652bdfdbef6e0c8742af21207114d9b6/600x600.0/DTH35-1.png?132507252862948277>
- <https://www.ueitest.com/ecommerce/site/images/thumbnails/DTH35/652bdfdbef6e0c8742af21207114d9b6/600x600.0/DTH35-3.png?132507252876386178>
- Includes photo: <https://www.ueitest.com/ecommerce/site/images/thumbnails/DTH35/652bdfdbef6e0c8742af21207114d9b6/600x600.0/DTH35-3.png?132507252876386178>
- Data sheet: [https://www.ueitest.com/ecommerce/site/content/PDFs/DTH35/DTH35\\_WDS.pdf](https://www.ueitest.com/ecommerce/site/content/PDFs/DTH35/DTH35_WDS.pdf)
- Manual: <https://www.ueitest.com/ecommerce/site/content/PDFs/DTH35/DTH35%20Manual.pdf>