



Data-Logging
Water-Proof

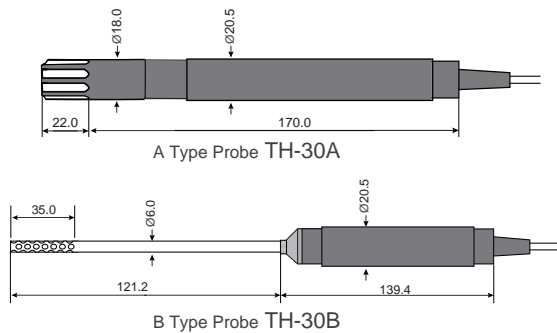
Digital Thermo-Hygrometer

TH-3800 IP66 water-proof, Data-Logger, USB
RS-232, Max/ Min/Avg, Dew point

□ IP66 □ CE □ RoHS

Applications : Plant Maintenance, Greenhouse, Air condition systems, Textile mills, Production processes, Clean rooms, laboratories, Nurseries, Cool stores, Dry rooms and Containers

- IP66 Water-Proof & Dust-Proof
- Data-Logging up to 32000 Readings
- USB High Speed Downloading
- Max/Min/Avg/Hold Functions
- Large LCD Display with LED Back-Light
- High Accuracy and Respond Quickly
- USB and RS-232 Output
- IP66, CE and RoHS Approved



Specifications of TH-3800

Measurement Range	Temperature : -40 ~ +85°C, -40 ~ +185°F Relative Humidity: 0 ~ 100% RH Dew point : -70 ~ +85°C (-94 ~ +185°F)
Resolution	0.1 % RH, 0.1°C / 0.1°F
Accuracy (at 25°C)*	Temperature : ±0.3°C / ±0.5°F Humidity : ±2% (0 ~ 95% RH)
Sampling Rate*	2 seconds to 2 hours (User Selectable)
Output	USB, RS-232 , 0.1%RH, 0.1°C or °F / 1 BIT
Power Supply	One 9V battery, or AC adaptor
Memory	32,000 readings, 16,000 readings per channel (Device displayed 9,999 readings)
Response (90%)	30 sec. (with membrane filter) ; 15 sec. (without filter)
Main Functions	Dew point calculate, Perpetual calendar, Data hold, Max/Min/Avg Functions, Data-Logging, Battery sign and low battery warning, Switchable °C / °F, USB/RS-232 interface, AC/DC power, Auto / Manual shutdown, Calibration function, Large LED back-light, IP66 water and dust proof.
Dimensions / Weight	150 x 75 x 28 mm, Approx. 320g
Input Connections	Water-proof socket
Operating Environment	-20 ~ +60°C ; 0~100%RH

*About accuracy and sampling rate excludes errors generated by Temp. / Humidity probe.

Ordering Information:

① TH-3800	Digital Thermo-Hygrometer
② TH-30A	φ18mm A Type Temperature / Humidity probe
③ TH-30B	φ 6mm B Type Temperature / Humidity probe
④ TU-RS232-W	RS-232 Interface cable
⑤ TU-USB-W	USB Computer interface cable
⑥ TU-655C	Plastic carrying case
⑦ TU-6019/6029	AC Adaptor
⑧ DU-606B	Instrument docking base



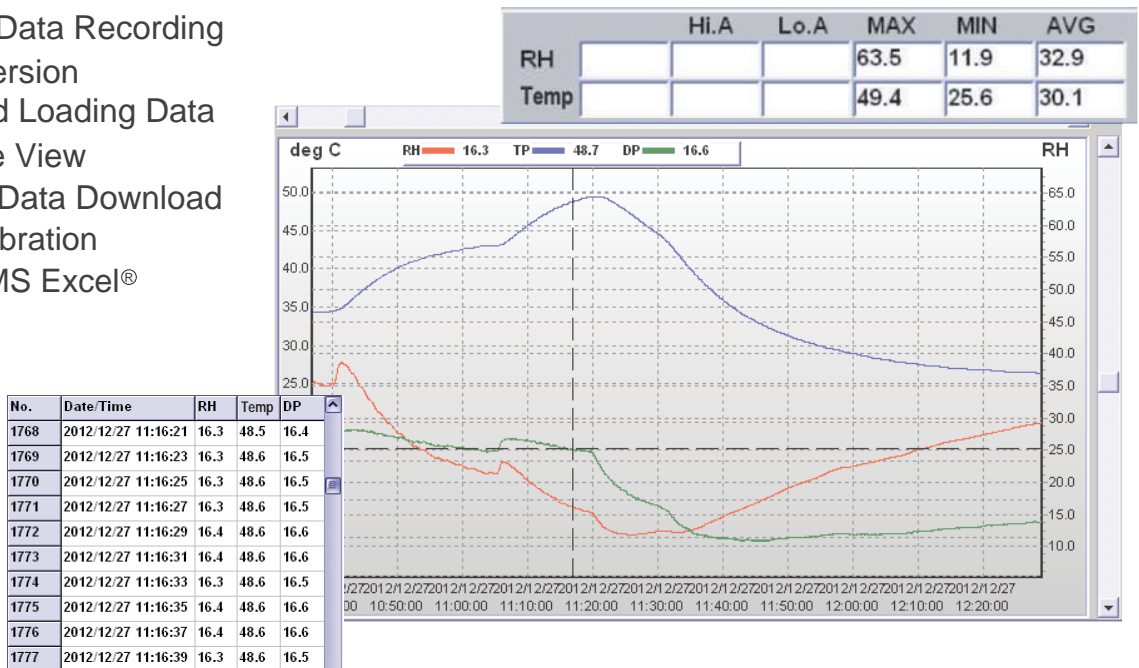


Data Logger Software & Accessories

TH-3800

Software Features:

- Trend Line Display
- Graphic Zoom in, Zoom out and Storage
- Instrument Status Display
- Max. / Min. / Average
- Dew Point Calculate
- Real-time Data Recording
- Unit Conversion
- Saving and Loading Data
- Data Table View
- Recorded Data Download
- Digital Calibration
- Export to MS Excel®



Explanation of TH-3800:

No.	Model No.	Descriptions
①	TH-3800	Digital Thermo-Hygrometer
②	Probe (TH-30A or TH-30B)	TH-30A ϕ 18 x 192.0mm TH-30B ϕ 6 x 260.6mm
③	TU-USB-W	USB computer interface cable
④	Software CD	Software description
⑤	TU-RS232-W	RS-232 Interface cable
⑥	TU-6019/6029	AC Adaptor
⑦	TU-609	Battery 9V006P
⑧	User's manual	Multi-national user's manual
⑨	TU-655C	Plastic carrying case
⑩	DU-606B	Instrument Docking Base

