



Data-Logging
Water-proof

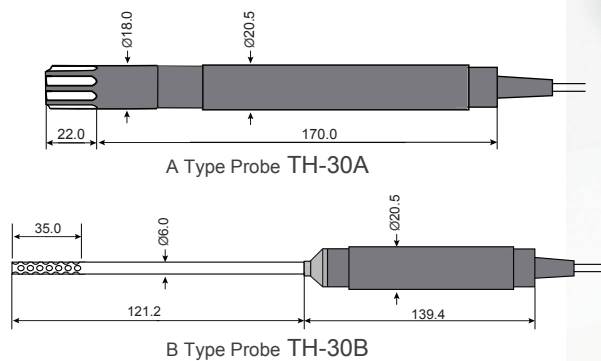
Digital Thermo-Hygrometer

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	Temp. : - 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





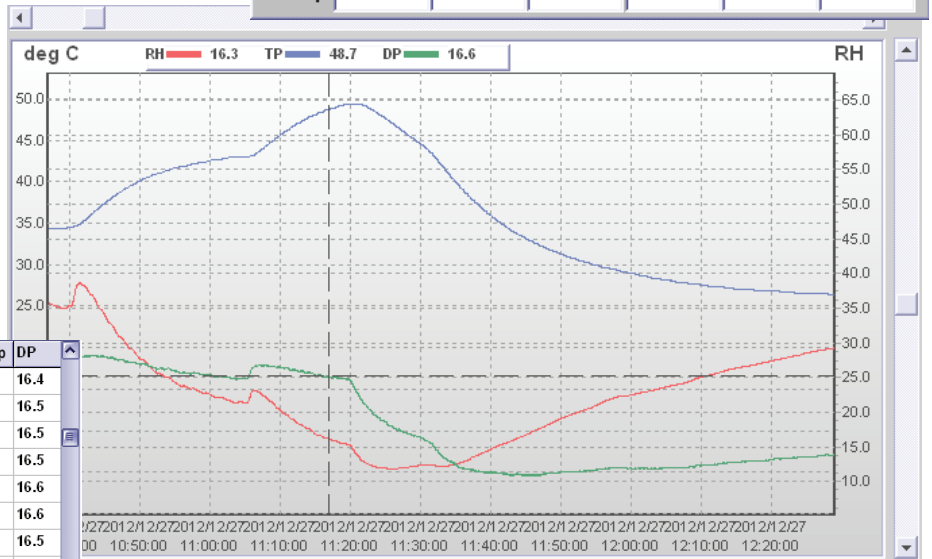
Data Logger Software & Accessories

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

	Hi.A	Lo.A	MAX	MIN	AVG
RH			63.5	11.9	32.9
Temp			49.4	25.6	30.1



No.	Date/Time	RH	Temp	DP
1768	2012/12/27 11:16:21	16.3	48.5	16.4
1769	2012/12/27 11:16:23	16.3	48.6	16.5
1770	2012/12/27 11:16:25	16.3	48.6	16.5
1771	2012/12/27 11:16:27	16.3	48.6	16.5
1772	2012/12/27 11:16:29	16.4	48.6	16.6
1773	2012/12/27 11:16:31	16.4	48.6	16.6
1774	2012/12/27 11:16:33	16.3	48.6	16.5
1775	2012/12/27 11:16:35	16.4	48.6	16.6
1776	2012/12/27 11:16:37	16.4	48.6	16.6
1777	2012/12/27 11:16:39	16.3	48.6	16.5

TH-3800 Kit included:

No.	Model No.	Descriptions
①	TH-3800	Digital Thermo-Hygrometer
②	Probe (TH-30A or TH-30B)	TH-30A $\phi 18 \times 192.0\text{mm}$ TH-30B $\phi 6 \times 260.6\text{mm}$
③	TU-USB-W	USB computer interface cable
④	TU-RS232-W	RS-232 Interface cable
⑤	Software CD	Software description
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



* The ② A type probe is standard for kit of TH-3800.