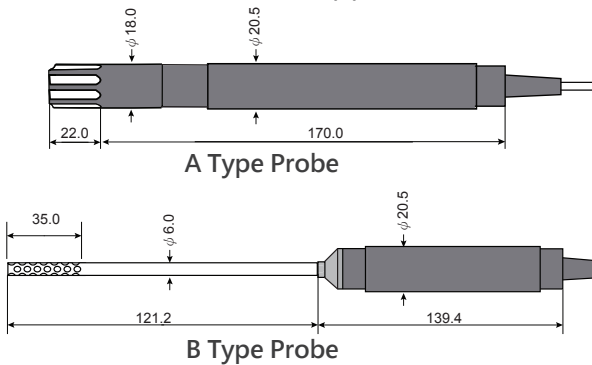# Data-Logging Water-proof Digital Thermo-Hygrometer

TH-3800

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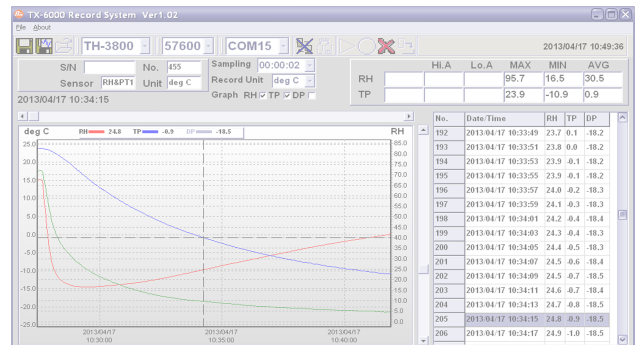RS-232, Max/ Min/ Avg, Dew point calculate

□ 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 16000 readings per channel, USB high speed downloading
- Max/Min/Avg/Hold Functions.
- Large LCD display with LED back-light.
- Temp., Humidity & Dew point functions
- High accuracy and respond quickly
- USB and RS-232 interface cable output
- IP66, CE and RoHS approved

A Type Probe

φ18.0 φ20.5

22.0 170.0

A Type Probe

35.0 φ6.0 φ20.5

121.2 139.4

B Type Probe

A Type Probe

B Type Probe

Specifications of TH-3800

Measurement Range	Temp. : − 40 ~ +85℃, − 40 ~ +185°F Relative Humidity: 0 ~ 100% RH Dew point: -70~85℃(-94~185°F)
Resolution	0.1 % RH, 0.1℃ / 0.1°F
Accuracy (at 25℃)	Temperature: ±0.3℃ / ±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℃ or °F / 1 BIT
Power Supply	One 9V battery, or AC adaptor
Memory	16,000 readings (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 ℃/°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	Five wire connector water-proof socket
Operating Environment	-20~+60℃; 0~100%RH

※About accuracy and sampling rate excludes errors generated by temp. / Humidity probe.

Option Accessories

① A Type Probe	φ18 × 192mm / Approx. 96g	④ TU-USB-W	USB interface cable and Windows software
② B Type Probe	φ6 × 260mm / Approx. 115g	⑤ TU-655C	Plastic carrying case
③ TU-RS232-W	RS-232 interface cable	⑥ TU-6019/6029	AC Adaptor

※Specifications are subject to change without notice.

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