

TM-188**TM-188D (with datalogger)****Specifications (23□ ±5□)****Wet bulb globe temperature (WBGT) :**

Unit		Range	Resolution	Accuracy @15~40ℓ
indoor & Outdoor without sunlight	℃	0~59.0	0.1	±1.0
	℉	32.0~138.0	0.1	±1.8
Outdoor With sunlight	℃	0~56.0	0.1	±1.5
	℉	32.0~132.0	0.1	±2.7

indoor & outdoor without sunlight:
 $WBGT = (0.7 \times WET) + (0.3 \times TG)$
 Outdoor with sunlight:
 $WBGT = (0.7 \times WET) + (0.2 \times TG) + (0.1 \times TA)$

Air temperature (TA):

Unit	Range	Resolution	Accuracy @15~40 ℓ
℃	0~50.0	0.1	±0.8
℉	32.0~122.0	0.1	±1.5

Black globe temperature (TG):

Unit	Range	Resolution	Accuracy @15~40 ℓ
℃	0~80.0	0.1	±0.6
℉	32.0~176.0	0.1	±1.1

Relative Humidity (%RH):

Measurement Range	1%~99%
Accuracy	±3.0%RH(20~80%) ±5.0%RH(80%)
Resolution	0.1%

Dew point temperature (DEW):

Unit	Range	Resolution
°C	-35.3~48.9	0.1
°F	-31.5~120.1	0.1

The value is calculated from the RH and Air temperature.

Wet bulb temperature (WET):

Unit	Range	Resolution
°C	-21.6~50.0	0.1
°F	-6.9~122.0	0.1

The value is calculated from the RH and air temperature.

- Dimension : 300 x 70 x 50mm (L x W x H)
- Weight : 220g. (Without batteries).
- Power supply : 006P 9V, or AC100~240V DC 9V/ 0.5A(9mm).
- Battery life : 200 hours.
- Operating Temperature & Humidity :0°C to +50°C.
- Storage temperature & humidity : -10°C to +50°C .
- Data output :USB PC serial interface,12000 records. (TM-188D)
- LCD: 52mm(W)x36mm(L) monochrome LCD and backlight.
- Standard accessories: 006P 9V battery x1, User's manual x 1, Carrying x1,

USB cable(TM-188D) x1, AC100~240V to DC9V/0.5A (9mm)x1 (TM-188D),
Install CD disk(TM-188D) x1