

Features

- Complete environmental monitoring and alarm solution
- Wall-mounted LED type for easy reading
- Alarm set for Hi and Low limit: temperature and humidity
- USB datalogging capacity 30,000 records (TM-185D)
- Real-time data recoding.

Applications

- Chambers / incubator
- Electronics manufacturing
- Hospitals blood / Tissue banks
- Other critical areas
- Warehouses
- Refrigerators
- Computer rooms
- Laboratories
- Defense
- Clean rooms

TM-187

CO₂ / Temperature / Humidity Monitor

Model \ Functions	CO ₂	Temperature	Humidity	30000 records	Clock
TM-185		●	●		●
TM-185D (with DG-185)		●	●	●	●
TM-187	●	●	●		●

Specifications

CO ₂ test range	0~9999ppm	Humidity test range	5%~95% RH
Accuracy	±70ppm or ±5% of reading (0~2000ppm) whichever is greater over 2000ppm ±7%	Accuracy	±3%RH (20%~80%RH@25°C) ±5%RH (<20%>80%@25°C)
Resolution	1ppm	Update time	1 time/ second
Temp test range	-20°C~70°C/ -4°F~158°F	Weight	1000g
Accuracy	±1°C (0°C~40°C)	LED display	214 x 120mm (8.4 x 4.73inch)
Resolution	0.1°C/0.1°F (0~35°C/32°F~95°F); other 1°C/ 1°F	Power	AC to DC adapter(9V~12V / 1A)

Display


TM-185 TM-185D

- Large LED display for simultaneous reading of humidity and temperature
- Dual LED display : the maximum reading on the top display (primary display) is 1999
- The maximum reading on the bottom display (secondary display) is 999

Model	TM-185 / TM-185D
Temperature range	-20°C~60°C (-4°F~140°F)
Temperature accuracy	±(1.0°C/1.8°F) (-5°C~40.0°C/23°F~104°F); other ±2.0°C/ ±3.6°F
Temperature resolution	0.1°C/ 0.1°F
Temperature update rate	1 time / second
Temperature sensor type	Diode
Relative humidity range	5%~95%
Relative humidity accuracy	±2.5% (20%~80RH) ±5.0% (<20%RH, >80%RH)
Relative humidity resolution	0.1%RH
Relative humidity response time	Below 4 seconds
LED display	214x120mm (8.4x4.73 inch)
Power supply	AC to DC adapter (9~12V/1A)
Dimension	260 x 178 x 47mm (L x W x H)
Weight	1000g



DATALOGGER

Temperature / Humidity Monitor