

High-Precision Hygrometer



CP03 (display only)



CP03U (with data logger)



To PC or Notebook

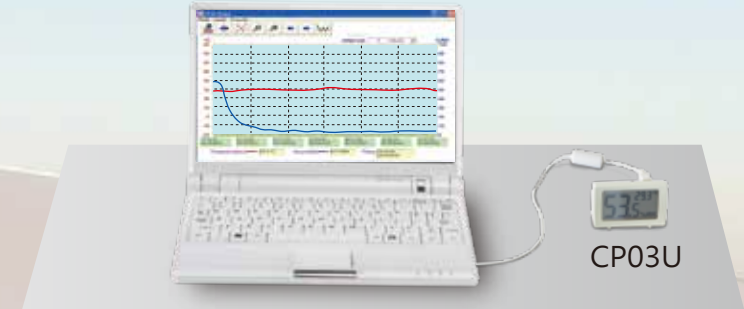
Specification

Technical data			
Model	CP03	CP03U	
Measuring range	1~99%RH ; 0~50°C	0.1~99.9%RH ; -20~65.9°C	
Accuracy	±3%RH (1%~60%RH) ; ±1°C (at 25°C)	±2%RH (1%~90%RH) ; ±0.2°C (at 25°C)	
Resolution	1%RH ; 1°C	0.1%RH ; 0.1°C	
Operating Temp.	0~50°C	-20~70°C	
Sensor drift	≤0.25 (%RH/yr) ; ≤0.05 (°C/yr)	≤0.25 (%RH/yr) ; ≤0.05 (°C/yr)	
Sampling interval	45 seconds	1 minute	
Memory	X	40,000 measuring values	
Software	X	CP03U Reader	
Common data			
Battery type	2 AAA batteries	Warranty	1 year
Weight	63g (battery included)	Material of housing	ABS
Dimensions	68 x 45 x 25mm		

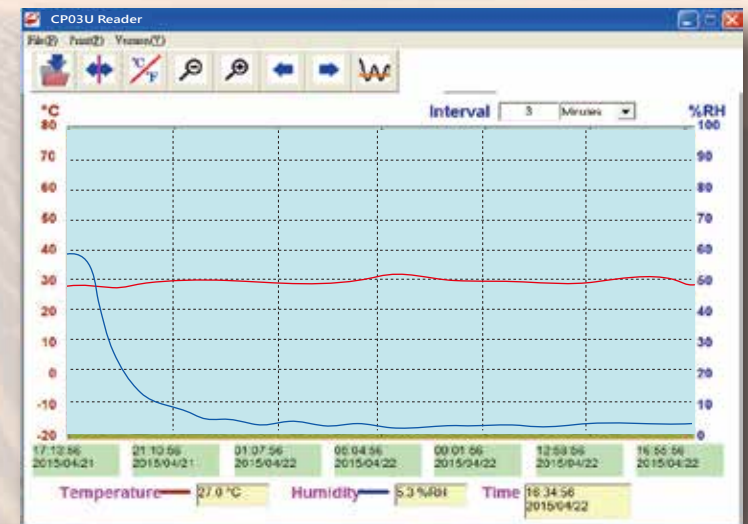
CP03-Stand (Optional)

Texture: Acrylic

Extra fee will be charged for printing company logo on the product.



Humidity and temperature data can be downloaded to PC through the USB connector and software CP03U Reader.



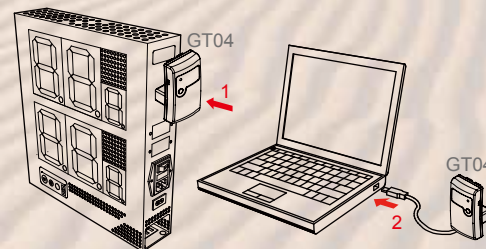
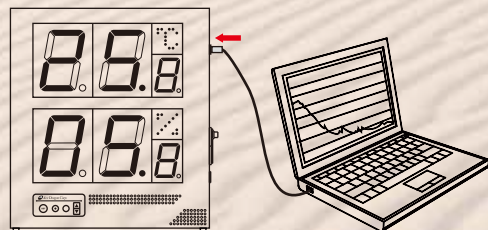
Alarm Hygrometer

Help Managing the Temperature and Humidity of production Line!

Alarm Hygrometer is installed at precisely controlled environment, such as storage room of precious collections, production line of high tech electronic components, optical and medical industries ...etc. It can not only display the temperature and relative humidity, but also alert the engineers to check and repair the facilities immediately by flash or buzzer alarm that is activated as soon as the temperature or relative humidity exceeds the preset tolerance. With this function, millions of dollars could be saved in time. To save monitoring manpower at a huge plant, 32 sets of HT series can be connected to a PC through intranet network. All of the data of temperature and relative humidity will be recorded and the fluctuation will be shown in the graph.

Features

- **Calibration reminding:** In order to help complying with the regulation of ISO, a unique design of calibration expiration reminding function is offered in HT series. When the sensor runs over 365 days, the decimal point in the panel will be flashed for reminding the user.
- **Superior visibility:** Equipped with LED display, the perfect visibility can definitely avoid any ambiguous reading. It is important in many occasions.
- **Cost effective:** HT series is very cost effective compare to any existing similar hygrometer in the market.
- **Function upgrade:** Advanced functions such as data logger, setting of warning tolerance and central monitoring via intranet can be upgraded to meet the customer's requirement in the future.
- Connected to a computer to record H/T graph.
- Connected to a Data Logger GT04(option) and download to PC.



Type	HT-5A	HT-5B
Operation Range	0~50°C, 0~90%RH	0~50°C, 0~90%RH
Precision	±1.0°C, ±3.0%RH(at 50%RH/25°C)	±1.0°C, ±3.0%RH(at 50%RH/25°C)
Resolution	0.1°C, 0.1%RH	0.1°C, 0.1%RH
Dimension	W310xD70xH320mm	W310xD70xH320mm
Weight	3kgs	3kgs
Power	110V/230V (select voltage in advance)	110V/230V (select voltage in advance)
Visibility Distance	30m	30m
Power Consumption (average)	12Wh	12Wh
Calibration Reminding	○	○
Alarm Setting (%RH)	×	○
Alarm Setting (°C)	×	○
Alarm Buzzer	×	○
Alarm Flash	×	○
Humidity Manager V3 (software)	○	○
SensorLook V3 (software)	△	△
Data Logger GT04	△	△
RS232 Port	○	○
Calibration Report	○	○

○ Standard △ Option × None