

Desktop SD Card Logger



Japan & Taiwan
Patent Pending!

Desktop Dew Point SD Card Logger 87798

- ▲ Simultaneously displays temperature and humidity
- ▲ Advanced SD card logging design for continuous recording
- ▲ Easy-to-read super big LCD display
- ▲ Check humidity condense conditions through dew point
- ▲ Programmable danger zone for warning purpose
- ▲ Designed with capacitance type humidity sensor to get accurate and quick reading
- ▲ Temperature unit °C/°F switchable
- ▲ Max/min function to review data
- ▲ Battery low indicator
- ▲ Real time display (hour & minute, am/pm)
- ▲ Desktop and wall mount for long time monitoring
- ▲ Audible beeper and bright red led for danger zone warning
- ▲ Long battery life (via alkaline battery)
 - no logging: one year
 - logging: one month (sampling rate:1min, 1G SD card)

What is Dew Point (DP)?

The dew point temperature is the temperature at which the air can no longer hold all of its water vapor and some of the water vapor must condense into liquid water. Condensation of water vapour begins when the temperature of air is lowered to its dew point and beyond.

The dew point is associated with relative humidity. A high relative humidity indicates that the dew point is closer to the current air temperature. Relative humidity of 100% indicates the dew point is equal to the current temp. and the air is maximally saturated with water. When the dew point remains constant and temperature increases, relative humidity will decrease

Dew Point Application:

- In summer or high humidity season, identifies and warns when conditions for mold growth exist
- In winter or low humidity season, identifies and warns when conditions for static electricity exist
- Air temperature and dew point temp. indicate where condensation may occur
- Monitor conditions in laboratories, basement and other controlled environment settings

Model	87798
Temp. range	0~50°C (Display: -10.0~70.0°C)
Temp. resolution	0.1°C/°F
Temp. accuracy	+/-1°C
Humidity. range	20~90%RH (Display:0%~99.9%RH)
Humidity resolution	0.1%RH
Humidity accuracy	+/-5%RH (at 25°C, 10~90%RH, others +/-7%RH)
Dew point temp. Range	-20~70°C
SD card	Max. 2GB SD card or 4GB SDHC card (MMC and SDXC cards are not compatible)
Sampling rate	1 to 720 mins. Default:10 mins
Beeper (dB)	~65dB
RH% Self calibration	YES, via salt chamber
Power consumption	<0.4mA
LCD size (mm)	63(H)x70(W)
Operation temp.	0~50°C
Operation RH%	Humidity < 90%
Storage temp.	-10~50°C
Storage RH%	Humidity < 90%
Dimension(mm)	110x91x30(H)
Weight	~200g
Power	AA x3pcs or 5V adaptor
Standard Package	Meter/adaptor/Manual/Paper box/256MB SD card