

Desktop SD Card Logger



Japan & Taiwan
Patent Pending

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

Desktop dew point SD card logger 87798

- ▲ SIMULTANEOUSLY DISPLAY 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
- ▲ PROGRAMABLE DANGER ZONE FOR WARNING PURPOSE
- ▲ DESIGN WITH CAPACITANCE TYPE RH 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 MONITOR
- ▲ 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)

| 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 |

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