SD Card real time data recorder, Patent

VACUUM METER

Model : VC-9210SD   *ISO-9001, CE, IEC1010*

LUTRON ELECTRONIC   *The Art of Measurement*

HEAT INDEX WBGT METER
Model : WBGT-2010SD

* WBGT (wet-bulb globe temperature) was developed as a monitoring basis at US military training camps and became widespread for the use in workplaces and sports situation It is suggested in the international standard ISO 7243, OSHA (US Occupation Safety), Japan Society for Occupational Health and the SMA (Sports Medicine Australia) in establishing the permissible heat exposure limits in health, sports or other physical activities.
* Measurement : WBGT value (Indoor/ Outdoor Wet bulb globe temperature), Black globe temperature, Humidity, Air temperature , Wet bulb temperature, Dew point Temp..
* Measurement function :
  1. Wet bulb globe temperature (WBGT), Indoor : 0 °C to 59 °C.
     Outdoor : 0 °C to 56 °C.
  2. Black globe Temp (TG) : 0 to 80 °C.
  3. Air temperature (TA) : 0 to 50 °C.
  4. Wet bulb temperature (WB) : -21.6 °C to 50.0 °C.
  5. Humidity : 5 % to 95 % R.H..
  6. Dew point Temp. : -25.3 °C to 48.9 °C.
* Unit : °C,°F, Resolution : 0.1 degree.
* Adjustable WBGT alarm setting with buzzer sound output.
* Using to control and monitor of physical activity in hot environment to limit the danger of heat related injuries.
* Globe temperature measurement use the Pt sensor, high accuracy.
* Fast humidity measuring response time.
* Direct measurement of the radiation effect with a brass black ball in 75 mm dia.
* Real time SD memory card recorder, it built-in Clock and Calendar.
* Real time data recorder , sampling time set from 1 second to 3600 seconds.
* Manual data record is available, can set the different position (location) No. (1 to 99).
* Innovation and easy operation, computer is not need to setup extra software, after record the data, just take away the SD card from the meter and plug in the SD card into the computer, it can down load the all the measured value with the time information (year/month/date/ hour/minute/second) to the Excel directly, then user can make the further data or graphic analysis by themselves.
* SD card capacity : 1 GB to 16 GB.
* Data hold, record max. and min. reading.
* Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
* RS232/USB PC computer interface.
* Complete set with the carrying case, SD card is optional.
* Patented.

SD Card real time recorder
VACUUM METER
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* Real time recorder, save the data into the SD memory card and can be down load to the Excel, extra software is no need.
* Measurement range :
  1125 torr x 1 torr.
  1500 mbar x 1 mbar.
* Units : torr, mm Hg, micron, KPa, Pa, inch Hg, psi.
* Data hold, Record (Max., Min.).
* RS232/USB computer interface.
* Heavy duty vacuum sensor used for air, oil gas...
* Application : Automobile, Industrial, laboratory, heating, ventilation, medical hospital...
* Patented.