

# Vibration Spectrum Analyzer Environment meter SERIES



**+ Sound level, 7 in 1  
ENVIRONMENT METER**

**Model : EM-1800**

- \* Multi-functions, pocket size, 7 in 1 :
- 1. Humidity/Temp., 2. Sound level meter,
- 3. Light meter, 4. Dew point, 5. Wet bulb,
- 6. Heat index, 7 Type K Temp. ( optional probe ).
- \* Sound level meter meets IEC 61672 class 2.
- \* Light meter with exclusive photo diode and color correction filter, spectrum meets C.I.E. photopic.
- \* High precision humidity sensor with fast response time.
- \* Standard type K (NiCr-NiAl) thermocouple input jack is suitable for all kinds of type K probes.
- \* Sound level meter : 35 to 130 dB, auto range.
- \* Humidity : 10 to 95 %RH, °C/F
- \* Light : 0 to 20,000 Lux, 0 to 1,860 Ft-cd, auto range.
- \* Type K Thermometer : -100 to 1300 °C, °C/F.
- \* Data hold, Record ( Max., Min. ).
- \* Zero button design makes light meter calibration.
- \* Compact shape with lightweight and small size case design are suitable for handling with one hand.
- \* Optional type K Temp. probes :  
TP-01, TP-02A, TP-03, TP-04, TP-05.
- \* Size : 179 x 58 x 25 mm.



**SD card real time data recorder  
VIBRATION SPECTRUM ANALYZER**

**Model : BVB-8208SD**

- \* Vibration Meter Mode :  
4 Channels vibration measurement input : One display screen shows all 4 channels of Acceleration, Velocity, Displacement values at the same time.
- \* FFT Analyzer Mode :  
1. Real-time analysis frequency 10 kHz.  
2. Time waveform display and spectrum display with up to 1024 spectral lines.  
3. Vibration waveform data recording function.  
Data are stored in WAVE file format on SD memory card.
- \* Built-in clock and Calendar, save real time data information into SD memory card. Sampling time can be set from 1 to 3600 seconds.
- \* Data file can be downloaded to the Excel, extra software is no need.
- \* Waveform can be saved into BMP file, easy operation and it is useful for the further analysis.
- \* Time information :  
Year, Month, Date, Hour, Minute and Second.
- \* Acceleration : 200 m/s<sup>2</sup>.  
Velocity : 200 mm/s.  
Displacement ( p-p ) : 2 mm.
- \* Max Hold, Peak Value, Data Hold, Max./Min..
- \* SD memory card capacity : 1 GB to 16 GB.
- \* LCD display :  
320 x 240 pixel, Graphic LCD, with backlight, easy reading
- \* RS232/USB computer interface
- \* Powered by DC 1.5V ( UM-3/AA ) x 8 PCs batteries (Alkaline type) or DC 9V adapter.