UNI-20 Portable Vibration Recorder

WEIGHT:1.28KG

UNI-20 uses piezoelectric acceleration transducer to convert vibration signal into electric signal. Then by analyzing input signal, results including RMS of velocity values, peak-peak value of displacement, peak values of acceleration or real-time spectral charts are displayed or printed out. It can not only measure the three parameters, but also rocord real time vibration curve.

The vibration meter is designed to test conventional vibration, especially the vibration test in rotating and reciprocating machines. It can be used not only to test the acceleration, velocity, and displacement of vibration as well as rev (or inherent frequency), but also perform simple failure diagnosis.

Built in iso10816 fault diagnosis standard, which can automatically diagnose the fault of the tested equipment.

The technical specifications of LV1000 comply with the requirements of GB 13823.3. UNI-20 is widely used in machinery, power, metallurgy, automobile and other industrial fields.

Configuration:

	NO.	Item	Quantity
Standard configuration	1	Main uni.	1
	2	Power Adapters:output:5V/1000mA	1
	3	Piezoelectric sensors	1
	4	Magnetic seat	1
	5	Manual	1
	6	Package case	1
Optional configuration	3	Probe	1
	4	Communication cable	1

Specifications:

Testing range (Metric)	Acce: 0.1 ~ 400.0m/s^2(peak) Velo: 0.1 ~ 400.0mm/s(RMS) Disp: 0.001 ~ 4.000mm(peak-peak)
Freq range	Acceleration: 10Hz ~ 1KHz, 1K Hz ~ 10KHz Velocity: 10Hz ~ 1KHz Displacement: 10Hz ~ 500Hz
Data memory	150 ×100 pieces of patrol data 30 ~ 480 pieces of record data
Temp	0℃ ~ 40℃
Tolerance	±5%
Humidity	≤80％RH
Display	TFT:2.8”,320×240 pixels with RGB
Data interface	USB(RS232/RS485),Bluetooth
Overall dimensions	140×76×28
Printer	Wireless Bluetooth printer(Optional)
Weight	180g
Battery	Rechargeable Li battery,2000mAh
Continuous working time	Continuous operation for about 20 hours, Standby for 80 hours