



SINOCERA



Global Sensor  
Technology

## Portable Vibration & Shock Meter

Model: YE5932B

### FEATURES

- Portable meter for vibration and shock measurement
- Piezoelectric accelerometer as probe(CA-YD-107)
- Displacement, velocity and acceleration measurements
- Peak and RMS value display
- Small size and low weight
- Large dynamic range and wide frequency band
- Both AC and DC (9V rechargeable battery) supply



Charge Input	±10 <sup>4</sup> pC (Max.)	
Measuring Range /Frequency Characteristics	Acceleration	0.1 - 3000m/s <sup>2</sup> ; 1 – 100kHz (-3dB)
	Velocity	0.1 - 10000mm/s ; 10 – 10kHz (±0.5dB)
	Displacement	0.001 - 10mm ; 10 – 1kHz (±0.5dB)
Output	AC:1Vrms/5mA; DC:1V/5mA	
Low Pass Filter	100, 1k, 10kHz ( -10% ) ; -12dB/OCT	
Indication Accuracy	≤±5% ( Within Sensor linear range )	
Signal Output Accuracy	Acceleration:≤±1.2% ; Velocity/Displacement:≤±3% (AC:≤±3% ; Peak: ≤±5%)	
True RMS Indication	Wave factor < 5	
PK	Max. PK	
Holding Time	“Slow”: about 60 seconds; “Fast”: about 1 second ( Attenuation 10% )	
Temperature	Operating: -10°C to +50°C ; Storage: -55°C to +85°C	
Humidity	85%R.H. Max.	
Power Supply	Internal : 6×1.2V Rechargeable batteries ; External :AC220V50Hz/ DC+5 to +28V	
Dimensions	225mm (W)×85mm (H)×230mm(D)	
Weight	About 2Kg	
Input/Output Type	Input:L5; Output: BNC	
Accessories	Input/Output Cable	Two
	Power Cable	One
	PE accelerometer	Model:CA-YD-107