



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 ⁴ pC (Max.)	
Measuring Range /Frequency Characteristics	Acceleration	0.1 - 3000m/s ² ; 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

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