



SINOCERA



Global Sensor
Technology

Single Channel Capacitance Accelerometer Conditioner

Model YE3832

FEATURES

- Internal 9V battery or external DC supply
- Supply to capacitance accelerometer
- 7 settings for signal amplification from 1 to 7
- Wide frequency bandwidth
- Operating status indications
- Low battery warning



SUPPLIED WITH

Input cable	2 metre cable with 4 pin socket
Output cable	2 metre coax cable with BNC sockets
Power supply cable	9V battery

PERFORMANCE

Input voltage range	-5V to 5V peak (Capacitance transducers output)
Output voltage	-5V to +5V peak
Gains	×1, ×2, ×3, ×4, ×5, ×6, ×7
Accuracy	≤±1.5%
DC offset	±10mV
Noise	≤1mV
Upper cutoff frequency	0.1kHz, 1kHz, 100kHz
Lower cutoff frequency	DC
Power supplies	internal 9V battery and external 8 to 15V DC supply

PHYSICAL CHARACTERISTICS

Dimensions	60mm(W) × 25mm(H) × 100mm(D)
Weight	300g
Electrical connection	4 pin socket for input, BNC socket for output

ENVIRONMENT CHARACTERISTICS

Operating temperature	0°C to 40°C
Storage temperature	-55°C to 85°C
Maximum humidity	95% RH