



SINOCERA



Single Channel ICPE Conditioner

Model YE3822A

FEATURES

- Internal 9V battery or external DC power supply
- ICPE sensor supply and signal amplification.
- $\times 1$ or $\times 10$ for signal amplification
- Wide frequency bandwidth
- Low battery warning
- Operating status indications



SUPPLIED WITH

Input cable	2 metre coaxial cable with BNC sockets
Output cable	2 metre coaxial cable with BNC sockets
Power supply cable	9V battery

PERFORMANCE

Input channel	one
Input voltage range	-5V to 5V peak (ICPE transducers output)
Supply voltage to transducer	24V DC
Supply current to transducer	2mA
Coupling capacitance	33 μ F
Output voltage	-5V to +5V peak
Gains	$\times 1$, $\times 10$
Accuracy	$\leq \pm 1.0\%$
DC offset	± 10 mV
Noise	≤ 1 mVrms
Upper cutoff frequency	100kHz
Lower cutoff frequency	0.05Hz
Power supplies	internal 9V battery and external 5 to 24V DC supply

PHYSICAL CHARACTERISTICS

Dimensions	60mm(W) \times 25mm(H) \times 100mm(D)
Weight	300g
Electrical connection	BNC plugs for both input and output

ENVIRONMENT CHARACTERISTICS

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