



Portable transducer calibrator

Model YE5503

FEATURES

- Charge accelerometer, IEPE(ICP) accelerometer and velocity transducer calibration
- Adjustable amplitude and frequency
- Digital display of sensitivity value
- Accurate vibration source
- Different signal inputs and outputs
- Quick calibration of accelerometers, velocity sensors and measurement systems in field and laboratory.

SUPPLIED WITH

- Transducer built in accelerometer
- Cable 1 metre coaxial cable with L5 connectors
- Power cable AC power supply cable



SPECIFICATIONS

Max. Input Acceleration	$\pm 1000\mu\text{C}$ for charge accelerometer $\pm 1000\text{mV}$ for IEPE(ICP) accelerometer
Amplitude error	$\leq \pm 5\%$
External frequency range	10Hz to 10kHz (sinusoidal)
Frequency error	$\leq \pm 1\%$
Waveform	sinusoidal
Waveform distortion	$\leq \pm 3\%$
Accelerometer weights	$\leq 200\text{g}$
Transducer types	A: charge accelerometer (connecting to Q input) B: IEPE (ICP) accelerometer C: voltage output velocity transducer (connecting to V input)
Output charge range	-1000pC to +1000pC
Output voltage range	-10V to 10V peak
Power supplies	External: AC220V 50Hz $\pm 10\%$ 0.3A Internal: 24V/1.5A chargeable battery

PHYSICAL CHARACTERISTICS

Dimensions	350mm (W) \times 150mm (H) \times 250mm (D)
Weight	6.5kg
Accelerometer mounting	M5 stud

ENVIRONMENT CHARACTERISTICS

Operating temperature	0°C to 50°C
Storage temperature	-55°C to 85°C
Maximum humidity	95% RH