



## 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	±1000pc for charge accelerometer ±1000mv for IEPE(ICP) accelerometer
Amplitude error	≤±5%
External frequency range	10Hz to 10kHz (sinusoidal)
Frequency error	≤±1%
Waveform	sinusoidal
Waveform distortion	≤±3%
Accelerometer weights	≤200g
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±10%0.3A Internal: 24V/1.5A chargeable battery

### PHYSICAL CHARACTERISTICS

Dimensions	350mm (W) ×150mm (H) ×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