

## Calibration Exciter VE-10

The VE-10 is a handy calibration exciter for a vibration meter and a vibration pickup (piezoelectric accelerometer).

- Calibrations of acceleration, velocity and displacement measurement equipment.
- 600 times of operation possible with single battery in auto-stop mode. Manual mode provided.
- Automatic power-off function for overload (more than 100 g).





Calibration of Vibration Level Meter Unit UV-15 by VE-10

## Specifications

Oscillator: Sinusoidal wave oscillator Frequency: 159.2 Hz  $\pm$  1 % for

10 to + 55 °C  $10 \text{ m/s}^2(RMS) \pm 3 \% \text{ for}$ Acceleration:

10 to 40 ℃  $\pm$  5 % for

- 10 to + 55 ℃ 10 m/s(RMS)  $\pm$  4 % for Velocity:

10 to 40 ℃  $\pm$  6 % for

— 10 to + 55 °C Displacement:  $10 \mu m(RMS) \pm 5 \%$  for

10 to 40 ℃  $\pm$  7 % for - 10 to + 55 ℃

Maximum Load:

Less than 5 % of main axis ampli-Transverse Amplitude:

Total Harmonic Distortion:

Less than 3 % for 20 to 60 g load Less than 5 % for 10 to 70 g load

Operation Mode: Auto-stop mode (approx. one minute operation), Manual mode Operating Conditions: Temperature; −10 to + 55 °C Humidity; 0 to 90 % RH

Power: IEC 6LR61 (9 V) battery × 1 More than 600 operations for auto-Battery Life: stop mode More than 10 hours for continuous

operation

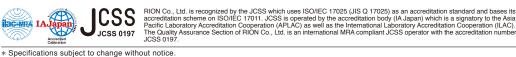
Dimensions and

Weight:

51 mm dia.  $\times$  134(H)mm, approx, 600 g(battery included) Standard Accessories: Mounting adapter  $\times$  1

M6 screw  $\times$  1 M6-UNF screw × 1 Leather case × 1 6LR61 alkaline battery

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