



Portable Vibration Calibrator LD-LPVC-A10

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Overview

Portable Vibration Calibrator LPVC-A10 is a tabletop unit with standard sine signals at continually varying frequency from 10 Hz to 1280 Hz. LCD digital panel displays defined amplitude of the acceleration, velocity and displacement. Either horizontal or vertical vibration can be generated. It is an all in one unit combining sine signal generator, power amplifier, standard transducer and a shaker.

Features:

- Measures acceleration, velocity and displacement
- Continuous varying frequency
- Horizontal or vertical vibrational modes

Applications:

Used to calibrate vibration monitoring / measuring instruments or data acquisition / data collector devices

Specifications:

Probe	5 mm , 8 mm and 11mm probe
Weight	9 kgs
Display	3 ½ digit display
Storage	-20 °C to 70 °C
Humidity	90 % non-condensing
Dimensions	280 x 180 x 250 mm
Probe range	0 ~ 2.0 mm
Operational temperature	0 °C to 50 °C
Frequency (continually adjustable)	10 Hz to 1280 Hz + 0.01 %
Amplitude acceleration (at 30m/s ² pk)	40 Hz to 320 Hz + 0.3 dB + 1 digit
Amplitude velocity (at 25mm / sec pk)	40 Hz to 320 Hz + 0.5dB +1 digit
Amplitude displacement (at 50 ?m pk-pk)	40 Hz to 320 Hz + 0.5 dB + 1 digit