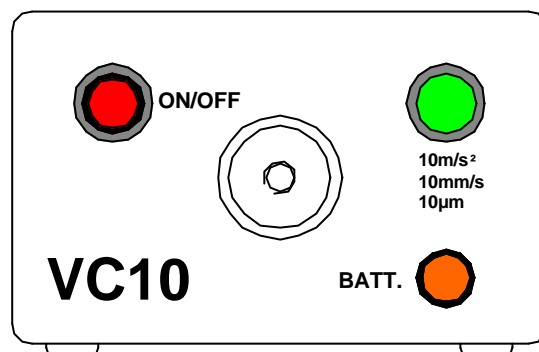




MTN/VC10 VIBRATION CALIBRATOR

- Load independent vibration level of 10 m/s², 10 mm/s and 10µm (rms values)
- Quartz controlled vibration frequency of 160 Hz
- Suitable for test objects weighing up to 300 grams
- Mains plug adapter with wide range input included



The VC10 Vibration Calibrator is a calibration exciter suitable for testing and calibration of sensors and instruments in units of acceleration, velocity and displacement. By means of the built-in reference accelerometer and control circuit the vibration level is maintained independently of the attached load. The nominal level is indicated acoustically and by an LED. The built-in accumulator allows long operating time. It can be recharged by the supplied mains plug adapter.

TECHNICAL SPECIFICATION

SHAKER SYSTEM

Vibration Acceleration (rms)	10 m/s ²
Vibration Velocity (rms)	10 mm/s
Vibration Displacement (rms)	10 μm
Vibration Frequency	160 Hz nominal
Weight Of Test Object Max	300g
Accuracy	3% (10 to 40°C) ± 5% (-30 to 55°C)
Level Control	LED and piezo beeper
Sensor Mounting	M5 thread, magnet
Operating Temperature Range	-30 to 55°C
Operating Time Per Battery Charge	250 readings of 1 minute each
Automatic Switch Off	After 10 minutes
Dimensions	170 x 105 x 65 mm ³
Weight	2 kgs
Accessories	Carrying case, mains plug adapter (100 to 240 VAC; 50/60 Hz) Thread adapters M8 and Quick Fit