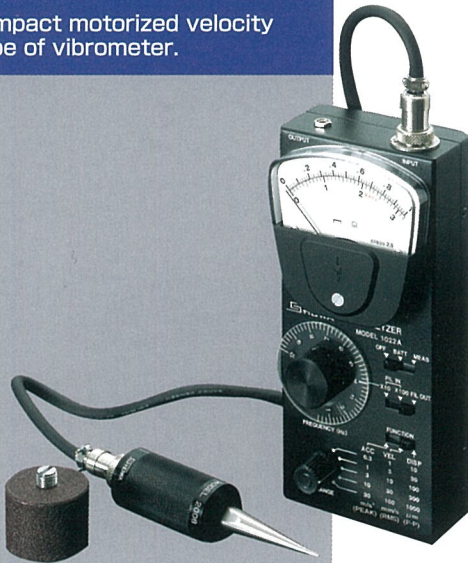


Mini Vibro

MODEL-1022A

- Because this is an analog meter, it gives stable readout of intensely variable vibrations, with low oscillation.
- With a built-in frequency analysis filter, it can read vibration components of rotation speed only.
- Compliant with JIS B 0907, the standard for vibration severity measurement instruments.
- This is a compact motorized velocity detector type of vibrometer.


High-function compact analog vibrometer

■ Specifications

Acceleration measurement range	0.3, 1.3, 10, 30m/s ² (Peak)/ full scale
Velocity measurement range	1, 3, 10, 30, 100mm/s (RMS)/ full scale
Displacement measurement range	10, 30, 100, 300, 1000 μm (P-P)/ full scale
Frequency range	10 ~ 1000Hz
Analysis frequencies	10 ~ 1000Hz Q=10
AC output	±1V/ full scale
Accuracy	3% (80Hz sine wave, 100 μm (P-P))
Temperature range in use	-10°C ~ +50°C
Power supply (dry batteries)	Prismatic cells in 6P configuration 6F22(9V) x1, at least 24 hours of continuous operation
Dimensions and weight	Body (W)85×(H)190×(D)55mm, 750g Detector (H)72×(Dia)30mm, 140g Contact pin (L)55mm, 20g
Standard configuration	Body 1022A, MODEL-2008 motorized velocity detector CA2411-1 detector cable CA1311-1 output cable Portable aluminum case, 6P prismatic cell type
Options	MG-2 magnet

Portable Vibration Calibrator

MODEL-8100

- Applies excitation in acceleration and displacement modes.
- Adjustable excitation level.
- Ideal for checking sensitivity after long-term use and before measurements, etc.


Designed for easy calibration of sensors and vibrometers

■ Specifications

Excitation force	Maximum 9.8N
Maximum amplitude	5mm(P-P)
Acceleration range	0~199.9m/s ² (Peak)
Displacement range	0~1.999mm(P-P)
Accuracy	Within 3% (80Hz, 10m/s ² , 25°C)
Excitation frequencies	80Hz, 500Hz switchable Signal inputs from external function generators etc. can also be used. (5 - 5kHz)
Excitation table	φ25mm, holes tapped for M6 P=1 screws
Output	AC±2V/ full scale
Temperature range	-20°C~50°C
Power supply	Within AC100V±10V 50/60Hz 1A
Dimensions and weight	116 (W) × 199 (H) × 199 (D) mm, approx. 4.2kg
Options	Excitation table φ25mm, holes tapped for M5 screws Excitation table φ25mm, holes tapped for 10-32UNF screws

