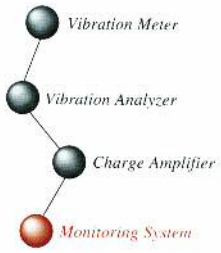


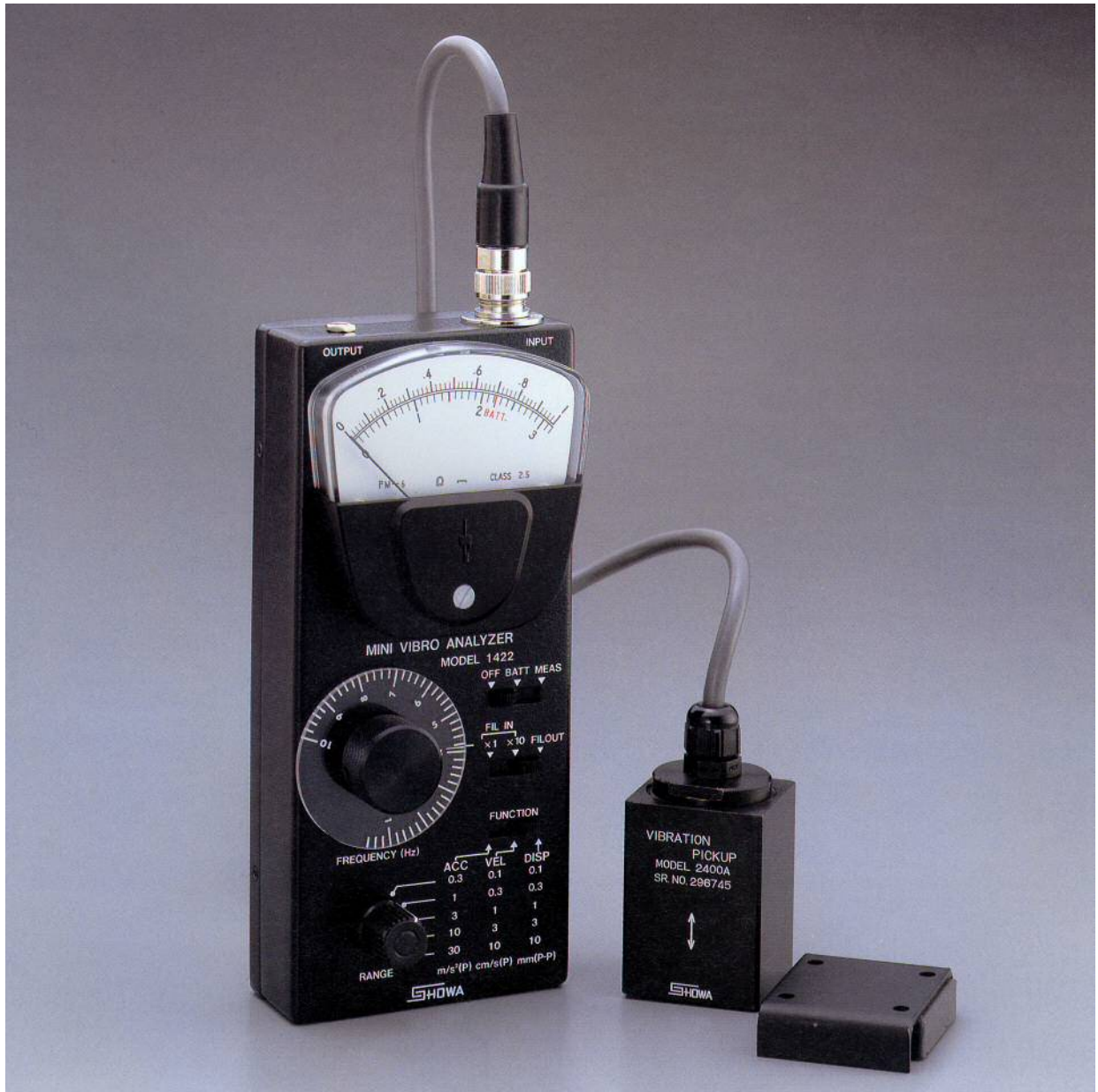
“安全と快適” そのニーズにこたえる

SHOWA

MINIVIBRO FOR LOW FREQUENCY



Model-1422A



MINIVIBRO FOR LOW FREQUENCY MODEL-1422A

General Description

This apparatus is capable of easily measuring the vibration acceleration, velocity and displacement of frequencies within the range of 2-100 Hz by using a lowband acceleration pickup with a preamplifier and also analyzing the major components of vibration by a built-in tunable filter.

Composition

Minivibro	Model-1422A	: 1unit
Vibration pickup	Model-2400A	: 1unit
Pickup cable	3m	: 1pc
Dry battery(006P)	Encased in main body	: 1pc
Output cord	1m with plug	: 1pc
Instruction manual		: 1copy
Portable case		: 1pc

Specifications

Measuring full scale range(5range by 10dB step)

- a) Acceleration range : 0.3, 1, 3, 10, 30m/s²(Peak)
 - b) Velocity range : 0.1, 0.3, 1, 3, 10cm/s(Peak)
 - c) Displacement range : 0.1, 0.3, 1, 3, 10mm(P-P)
- Frequency characteristics : 2~100Hz within $\pm 5\%$
 Stability : Sine wave 16Hz, within 2%
 at acceleration measurement

Error of range changeover : within 2%

Meter : Double scale of 0~1 and 0~3 and BATT mark,

Accuracy : within 2.5% of full scale

Output : AC output $\pm 1V/FS$

Output impedance 1K Ω

Frequency analysis : Accuracy of analyzed frequency;
 Less than 1/2 of minimum graduation
 Of dial, Q=10 2range
 $\times 1: 1\text{Hz} \sim 10\text{Hz}$, $\times 10: 10\text{Hz} \sim 100\text{Hz}$

Range of temperature : Operation: 0°C ~ +50°C
 : Storage : -20°C ~ +70°C

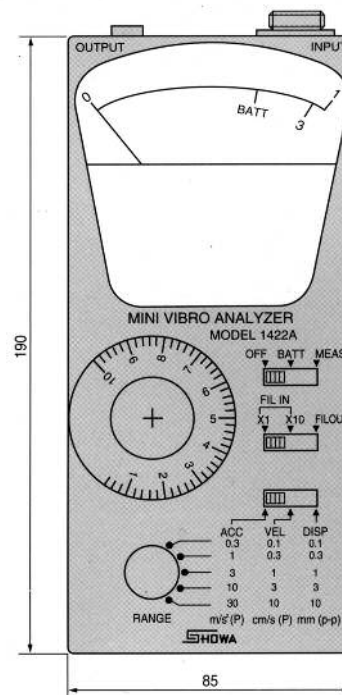
Power source : Dry battery 006P (9V) 1pc
 Continuous operating time: 10Hr

Pickup (Refer to the attached drawing)

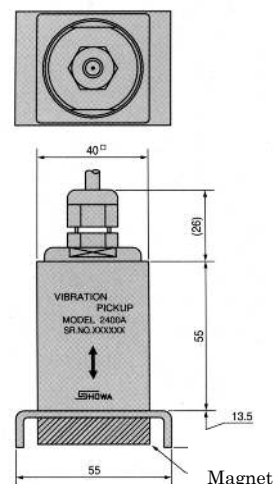
Model-2400A : Detection sensitivity 100mV/m/s²

Dimension, weight : Model-1422A: (W) 85 × (H) 190 × (D) 55mm
 : Model-2400A: (W) 40 × (H) 55 × (D) 40mm 2

■ Model-1422A



■ Model-2400A



SHOWA Respond to the needs; "safe and comfortable"

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