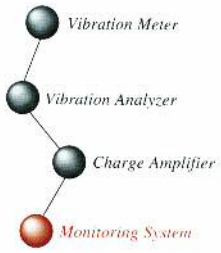


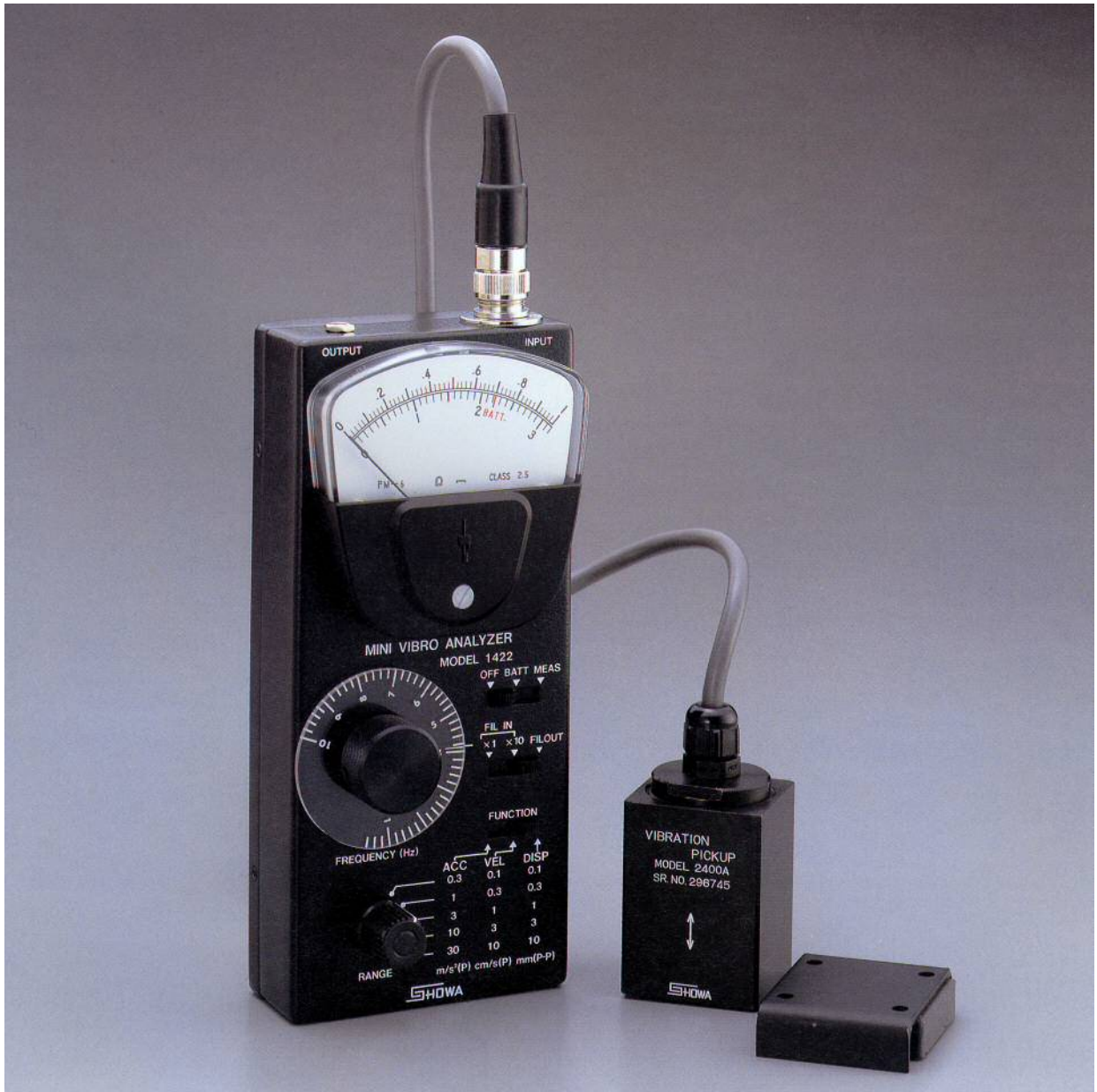
“安全と快適”そのニーズにこたえる

**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/s<sup>2</sup>(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 $\Omega$

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

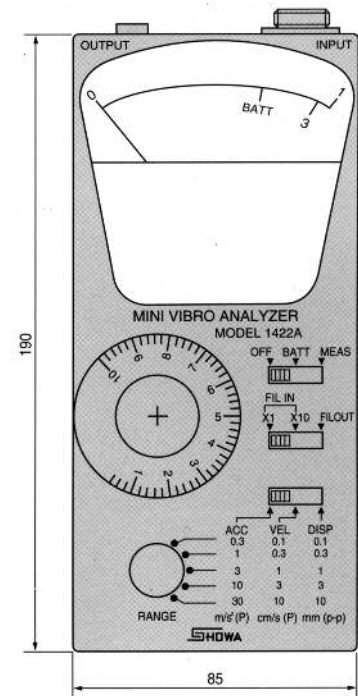
Power source : Dry battery 006P (9V) 1pc  
 Continuous operating time: 10Hr

Pickup (Refer to the attached drawing)

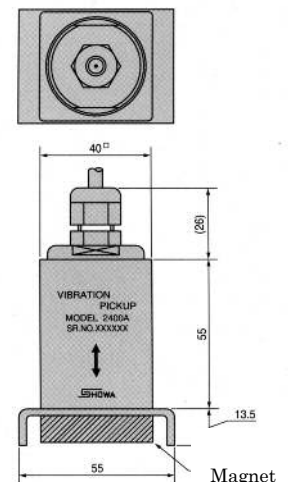
Model-2400A : Detection sensitivity 100mV/m/s<sup>2</sup>

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"

**SHOWA SOKKI CORPORATION**

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