"安全と快適"そのニーズにこたえる

SHOWA

Vibration Meter

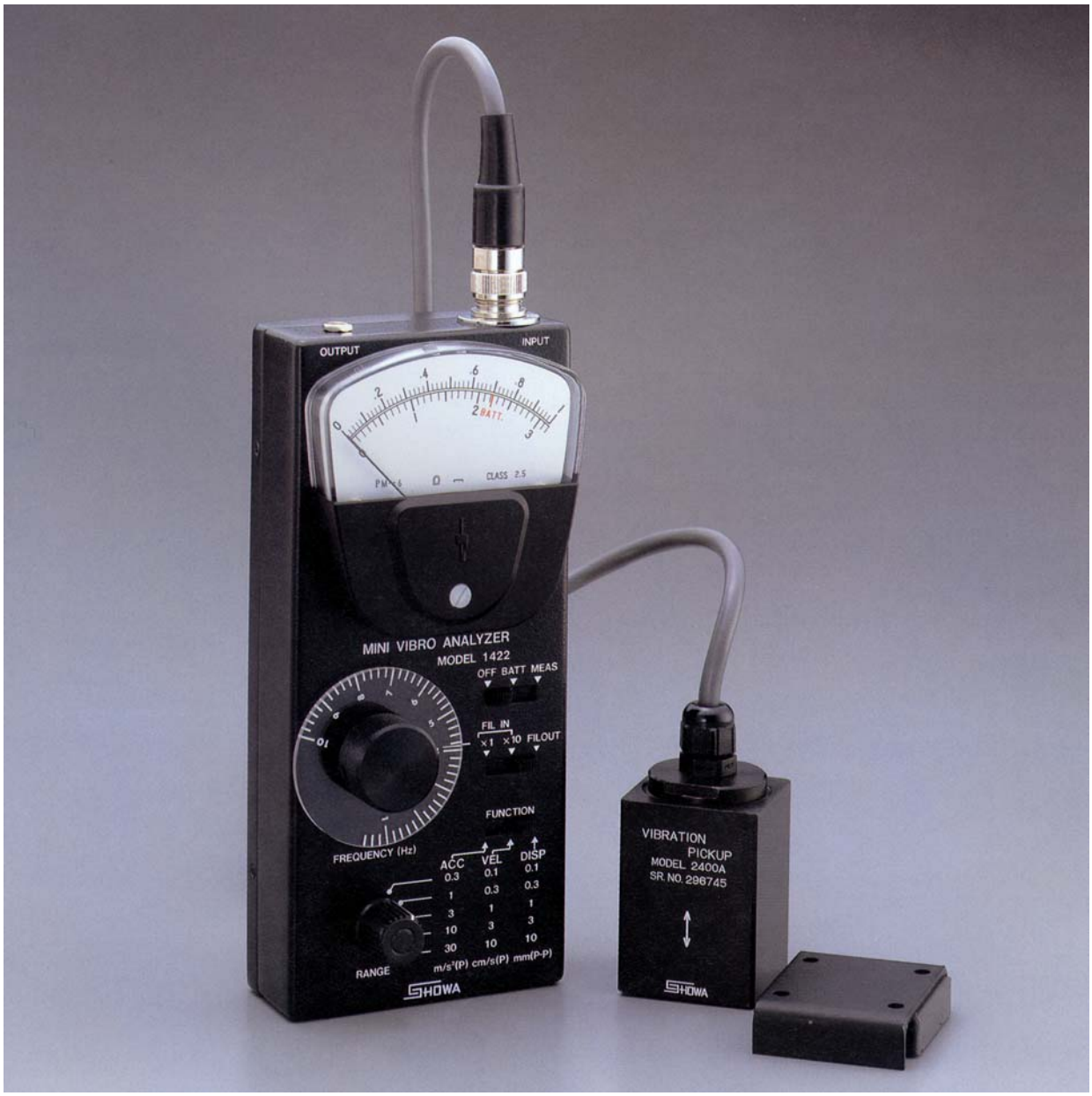
Vibration Analyzer

Charge Amplifier

Monitoring System

MINIVIBRO FOR LOW FREQUENCY

Model-1422A



MINIVIBRO FOR LOW FREQUENCY *MODEL-1422A*

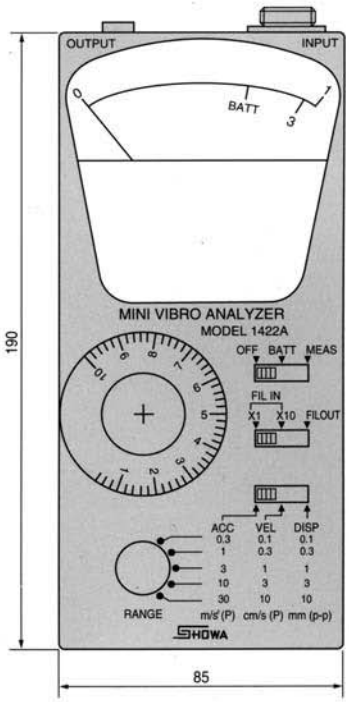
General Description

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

■ Model-1422A



Specifications

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

a) Acceleration range : 0.3,1,3,10,30m/s^2(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 ±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 ±1V/FS
Output impedance 1KΩ

Frequency analysis :Accuracy of analyzed frequency; Less than 1/2 of minimum graduation Of dial, Q=10 2range ×1:1Hz～10Hz, ×10:10Hz～100Hz

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

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

Pickup (Refer to the attached drawing)

Model-2400A :Detection sensitivity 100mV/m/s^2

Dimension, weight :Model-1422A:(W)85×(H)190×(D)55mm 750g

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