



MODEL-1607A MULTI CHANNEL VIBRATION METER

- Small charge vibrometer capable of multichannel simultaneous measurement.
- General-purpose type small vibrometer capable of measuring three modes of acceleration, velocity and displacement.
- Wide-band and capable of measuring from a minute level to a large level.
- Capable of selecting a band matching a measurement object because of the built-in high-pass/low-pass filter.
- Capable of appropriately using various sensors with ease by the easy setting of the sensor's sensitivity.
- Capable of using a remote charge converter and a detector with a built-in preamp in addition to an ordinary charge-output type detector.

Composition

3CH mounted		
Amp Unit	MODEL-1607A	3pc
Power Supply Unit	MODEL-1607A-10M	1pc
Channel Case	MODEL-1607A-23	1pc
Instruction manual		1copy

*Capable of multichannel, max. 10-channel.

Specifications

Input Rear Panel BNC Connector, Charge-Output Sensor/ Built-in Preamp	
Charge input	PU SENSx1:1.00-9.99pC/G PU SENSx10:10.0-99.9pC/G
Max input charge	10,000pC
Voltage Input Connector	PU SENSx1:1.00-9.99mV/G PU SENSx10:10.0-99.9mV/G
Max input voltage	±10V
Supply current	2mA, 15VDC(0.4-4mA)
Output	
AC OUT(BNC)	Vibration waveform output ±1V/FS Output resistance 100Ω 5mA Max.current
DC OUT(BNC)	Trend recording as level output 0-1VDC Output resistance 100Ω 5mA Max.current
Overload lamp	When the linear range is exceeded in the internal circuit, LED lamp is on.
Measuring Range	
ACC1(G)	1Hz-50kHz(1dB), 2Hz-20kHz(0.5dB) PU SENSx10:0.0316/0.1-100/316/FS PU SENSx1:0.316/1-1000/3160/FS
ACC2(m/s ²)	1Hz-50KHz(1dB), 2Hz-20kHz(0.5dB) PU SENSx10:0.316/1-1000/3160/FS PU SENSx1:3.16/10-10000/31600/FS
VEL(cm/s)	3Hz-(0.5dB) PU SENSx10:0.316/1-1000/3160/FS PU SENSx1:3.16/10-10000/31600/FS
DISP(mm)	3Hz-(0.5dB) PU SENSx10:0.1/0.316-316/1000/FS PU SENSx1:1/3.16-3160/10000/FS
DISP2(mm)	10Hz-(0.5dB) PU SENSx10:0.01/0.0316-31.6/100/FS PU SENSx1:0.1/0.316-316/1000/FS
Filter	
High-pass filter(Hz)	OUT(1Hz)/3/10/30/100
Low-pass filter(Hz)	300/1k/3k/10k/OUT(50KHz)
The Others	
Accuracy	Within 3% at 80Hz,100pC input

Cal signal 80Hz,±1V max. sinusoidal wave

Temperature, Humidity 0-50°C,90%RH max.

Dimensions, weight 35(W)×177(H)×230(D)mm 0.7kg

Power Supply Unit MODEL-1607A-10M

AC100V ±10%, CAL signal:80Hz ±1V sinusoidal wave, 10CH selectable monitor meter.

Dimensions, weight 90(W)×177(H)×230(D)mm 1.1kg

Channel Case, weight 3CH- 1.8kg 6CH- 2.5kg

Distributor Indonesia:



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