4. 100 Series Accelerometers - Special Application Model

Low Frequency Measurement Accelerometers

- Sensitivities: 10 mV/ ms^{-2} and 100 mV/ ms^{-2}
- Extended low frequency measurement down to 0.1 and 0.04Hz
- Electric isolated mounting base





Specifications:

Model		Unit	14105	14205	17110
Sensitivity		mV/ms^{-2}	10	10	100
Frequency Range	±5%	Hz	0.15~6000	0.15~6000	0.06~1000
	±10%	Hz	0.1~7000	0.1~7000	0.04~1500
Resolution		m/s^2	0.001	0.001	0.0005
Mounting Resonance		KHz	28	28	7
Measurement Range		m/s^2	500	500	50
Operating Temperature		℃	-50~125		
Output Connector			M5	M5	Integral BNC
Base Insulation Resistance		Ω	0	0	>1x10^8
Weight		gram	25	25	160
Dimension	HexxHxL	mm	16x21x28	16x21x23	29x40x66

Model Testing Sensor

- Frequency response phase shift < 5º
- Low profile design, height of 8 mm
- Choices of High Precision Imported Piezoelectric Ceramic（J series products） or Normal Domestic Piezoelectric Ceramic for different applications

Specifications:

Model		Unit	14206
Sensitivity		mV/ms^{-2}	10
Frequency Range	±5%	Hz	0.5~8000
	±10%	Hz	0.3~10000
Resolution		m/s^2	0.001
Mounting Resonance		KHz	25
Measurement Range		m/s^2	500
Operating Temperature		℃	-50~125
Weight		gram	9
Dimension	HexxHxL	mm	14x10x21



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