1. 100 Series Accelerometers - General Standard Model





- Parallel and Triangle shear design sensing element, choices of High Precision Imported Piezoelectric Ceramic（J series products） or Normal Domestic Piezoelectric Ceramic
- Different sensitivities from 1 mV/ ms^{-2} to 100 mV/ ms^{-2}
- Frequency range (±5%) from 0.5Hz (extend to 0.04Hz) up to 10kHz
- Compact design, small package from 14mm hex/20mm height, and13 gram weight
- Electric isolation mounting bases are available

Specifications:

Model		Unit	111/112	121/122	131/132	141/142	151/152	161/162	171/172
Sensitivity		mV/ms^{-2}	1	2	5	10	25	50	100
Frequency Range	±5%	Hz	0.5~10000	0.5~8000	0.5~8000	0.5~8000	0.5~4000	0.5~2500	0.06~1000
	±10%	Hz	0.35~12000	0.35~12000	0.35~10000	0.35~10000	0.35~6000	0.04~4000	0.04~1500
Resolution		m/s^2	0.01	0.005	0.002	0.001	0.0004	0.0002	0.0002
Mounting Resonance		KHz	48	40	32	29	18	15	8
Measurement Range		m/s^2	5000	2500	1000	500	200	100	50
Operating Temperature		℃	-50~125						
Weight		gram	12	13	14	15	25	38	160
Dimension	Top Output HexxHxC	mm	13x19x26	13x19x26	13x19x26	13x19x26	16x21x28	18x27x34	29x35x43
	Side Output HexxHxL	mm	13x18x19	13x18x19	13x18x19	13x18x19	16x21x22	18x27x28	29x35x34

✧ **111, 121, 131, 141, 151, 161, 171 with top M5 output connector, and 112, 122, 132, 142, 152, 162, 172 with side M5 output connector.**

ABCgeluid is onderdeel van ABC International Trade
Tel: +31(0)182 353385
Web: www.abcgeluid.eu
Mail: info@abcgeluid.eu