

NP-2000 series Charge output type Accelerometer

Applicable amplifier: CH-6130/6140 CH-1200A

3-axis

260°C High temperature type

Applicable cable	NP-2106	NP-2110	NP-2506	NP-2710	NP-2910	NP-2810	NP-2120	
Sensitivity	0.035pC/(m/s ²) ± 20%	0.16pC/(m/s ²) ± 2dB	0.04pC/(m/s ²) ± 20%	0.31pC/(m/s ²) ± 10%	0.3pC/(m/s ²) ± 2dB	1.2pC/(m/s ²) ± 2dB	5pC/(m/s ²) ± 2dB	
Frequency range	f c to 1kHz ± 5% f c to 6kHz ± 10% f c to 20kHz ± 3dB	f c to 10kHz ± 0.5dB f c to 20kHz ± 3dB	f c to 1kHz ± 5% f c to 5kHz ± 10% f c to 20kHz ± 3dB	f c to 10kHz ± 5% f c to 20kHz ± 3dB	f c to 10kHz ± 0.5dB f c to 20kHz ± 3dB	f c to 6kHz ± 0.5dB f c to 15kHz ± 3dB	f c to 5kHz ± 0.5dB f c to 12kHz ± 3dB	f c to 5kHz ± 0.5dB f c to 12kHz ± 3dB
Max. allowable acceleration	100,000 m/s ²	10,000 m/s ²	25,000 m/s ²	22,600 m/s ²	50,000 m/s ²	20,000 m/s ²	8,000 m/s ²	
Mass	0.2 g	0.6 g	1.2 g	2 g	2 g	12 g	25 g	

NP-3500 series Tri-axial Accelerometer with built-in preamplifier

Applicable analyzer and amplifier: Same as the NP-3000 series

TEDS

Applicable cable	NP-0252 / 0262	NP-0222 / 0232	NP-0222 / 0232
Sensitivity	1.02mV/(m/s ²) ± 10%	1mV/(m/s ²) ± 10%	1mV/(m/s ²) ± 10%
Frequency range	2Hz to 5kHz ± 5%(X-axis) 2Hz to 10kHz ± 5%(Y,Z-axis)	1Hz to 5kHz ± 1dB(X,Y-axis) 1Hz to 8kHz ± 1dB(Z-axis)	1Hz to 5kHz ± 1dB(X-axis) 1Hz to 8kHz ± 1dB(Y,Z-axis)
Max. allowable acceleration	4,900 m/s ²	4,000 m/s ²	3,600 m/s ²
Sensitivity		NP-3574 10mV/(m/s ²) ± 10%	NP-3578N20 10mV/(m/s ²) ± 10%
Frequency range		1Hz to 5kHz ± 1dB(X,Y-axis)	1Hz to 5kHz ± 1dB(X-axis)
Max. allowable acceleration		400 m/s ²	360 m/s ²
Mass	5.3 g	8.1 g	11.1 g

NP-3000 series Accelerometer with built-in preamplifier

Applicable amplifier: SR-2210, PS-1300

Analyzer : DS series, CF series, VC series

Please choose an accelerometer so that the weight ratio of an object (or place) to be mounted and the accelerometer will be about 50:1.

Applicable cable	NP-3211	NP-3418	NP-3414	NP-3110	NP-3412	NP-3120	NP-3121	NP-3130	NP-3331B/N30	NP-3310	NP-3131
Sensitivity	1.02mV/(m/s ²) ± 15%	1.0mV/(m/s ²) ± 10%	1.0mV/(m/s ²) ± 1dB	0.5mV/(m/s ²) ± 1dB	1.0mV/(m/s ²) ± 1dB	1.0mV/(m/s ²) ± 1dB	1.0mV/(m/s ²) ± 1dB	10mV/(m/s ²) ± 1dB	5.0mV/(m/s ²) ± 1dB	1.0mV/(m/s ²) ± 1dB	10mV/(m/s ²) ± 1dB
Frequency range	1Hz to 10kHz ± 5% 0.3Hz to 20kHz ± 3dB	2Hz to 6kHz ± 0.5dB 0.8Hz to 16kHz ± 3dB	2Hz to 8kHz ± 0.5dB 0.8Hz to 16kHz ± 3dB	5Hz to 6kHz ± 0.5dB 5Hz to 15kHz ± 3dB	2Hz to 8kHz ± 0.5dB 0.8Hz to 16kHz ± 3dB	5Hz to 5kHz ± 0.5dB 5Hz to 12kHz ± 3dB	5Hz to 5kHz ± 0.5dB 5Hz to 10kHz ± 3dB	5Hz to 4kHz ± 0.5dB 5Hz to 10kHz ± 3dB	2Hz to 4kHz ± 0.5dB 2Hz to 10kHz ± 3dB	5Hz to 5kHz ± 0.5dB 5Hz to 10kHz ± 3dB	5Hz to 4kHz ± 0.5dB 5Hz to 8kHz ± 3dB
Max. allowable acceleration	4,900 m/s ²	2,200 m/s ²	2,200 m/s ²	4,400 m/s ²	2,200 m/s ²	2,200 m/s ²	2,200 m/s ²	220 m/s ²	700 m/s ²	2,200 m/s ²	220 m/s ²
Mass	0.5 g	1.9 g	3.5 g	5.4 g	5.5 g	20 g	34 g	46 g	50 g	59 g	69 g