

NP-2000 series Charge output type Accelerometer

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

3-axis

260 °C
High temperature
type

Model	NP-2106	NP-2110	NP-2506	NP-2710	NP-2910	NP-2810	NP-2120
Applicable cable	Directly attached(3m)	Directly attached(3m)	Directly attached(3m)	NP-0160 series (with 3m cable)	NP-0150 series (with 3m cable)	NP-0120/0130 series	NP-0120/0130 series
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	fc to 1kHz±5% fc to 6kHz±10% fc to 20kHz±3dB	fc to 10kHz±0.5dB fc to 20kHz±3dB	fc to 1kHz±5% fc to 5kHz±10% fc to 20kHz±3dB	fc to 10kHz±5% fc to 20kHz±3dB	fc to 10kHz±0.5dB fc to 20kHz±3dB	fc to 6kHz±0.5dB fc to 15kHz±3dB	fc to 5kHz±0.5dB fc 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

Model	NP-3550	NP-3564N10	NP-3560B	NP-3572 NP-3574	NP-3576N20 NP-3578N20
Applicable cable	NP-0272/0273/0274	NP-0322/0332	NP-0252 / 0262	NP-0222 / 0232	NP-0222 / 0232
Sensitivity	1.02 mV/(m/s ²)±20%	10 mV/(m/s ²)±10%	1.02 mV/(m/s ²)±10%	1 mV/(m/s ²)±10%	1 mV/(m/s ²)±10%
Frequency range	2 Hz to 5 kHz±5% (X-axis) 2 Hz to 8 kHz±5% (Y,Z-axis)	2 Hz to 7 kHz±1 dB (X,Y-axis) 2 Hz to 10 kHz±1 dB (Z-axis)	2 Hz to 5 kHz±5% (X-axis) 2 Hz to 10 kHz±5% (Y,Z-axis)	1 Hz to 5 kHz±1 dB (X,Y-axis) 1 Hz to 8 kHz±1 dB (Z-axis)	1 Hz to 5 kHz±1 dB (X-axis) 1 Hz to 8 kHz±1 dB (Y,Z-axis)
Max. allowable acceleration	4,905 m/s ²	450 m/s ²	4,900 m/s ²	4,000 m/s ²	3,600 m/s ²
Sensitivity				10 mV/(m/s ²)±10%	10 mV/(m/s ²)±10%
Frequency range				1 Hz to 5 kHz±1 dB (X,Y-axis) 1 Hz to 8 kHz±1 dB (Z-axis)	1 Hz to 5 kHz±1 dB (X-axis) 1 Hz to 8 kHz±1 dB (Y,Z-axis)
Max. allowable acceleration				400 m/s ²	360 m/s ²
Mass	1 g	4.4 g	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.

Model	NP-3211	NP-3418	NP-3414	NP-3110	NP-3412	NP-3120	NP-3121	NP-3130	NP-3331B NP-3331N30	NP-3310	NP-3131
Applicable cable	with NP-0172	NP-0150 series	NP-0150 series	NP-0150 series (with 3m cable)	NP-0150 series	NP-0120/0130 series	NP-0120/0130 series	NP-0120/0130 series	NP-0140 series	Directly attached(3m)	NP-0120/0130 series
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