Other related products

Records 2ch video, 4ch analog, CAN, GPS and Pulse in perfect sync. An All-In-One Data Recorder

Video NV Recorder
VR-24

10 m/s² vibration tester which allows you to check accelerometers in the field.

Portable calibrator
CA-20

Converts electric charge output type sensors into voltage output type sensors (1pc → 1mV)

Charge converter
CC-20

Featuring high-bandwidth, multi-channel and long recording time.

Wide-band data recorder
WX-7000 Series

http://datarecorder.jp/en/
http://loadcell.jp/en/

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TEAC

Piezoelectric type accelerometer & Related products digest catalog

http:// loadcell.jp/en/

For Mobile
Shock measurement in drop testing

For Car Testing
Vibration testing on car body and parts

For Turbine
Vibration testing on turbines

- TEDS
- Built-in Pre-amplifier
- 3 Axes
- Comes with a 3.3m special cable

TEDS

2 models available to best suit your application

730ZT	731ZT
1.0mV/m/s²	10.0mV/m/s²
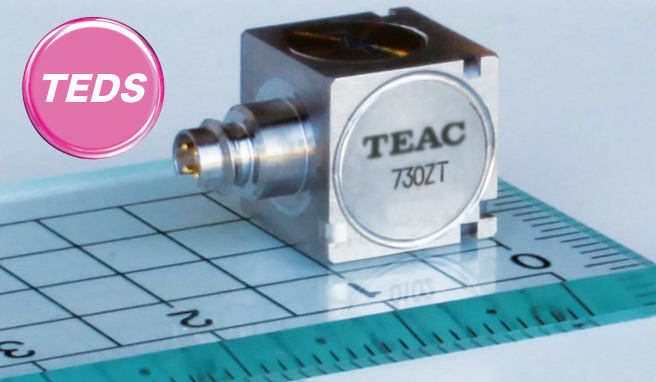
730ZT / 731ZT is a 3-axis accelerometer with a built-in pre-amplifier which is 10 cubic millimeter in size and 4.4g in weight. Its high frequency response and tiny super-lightweight feature allow to measure acceleration on small objects. It is also appropriate for various tests on engines because of its high operational temperature.

Spec

- TEDS
- Tiny & Lightweight
- 3 Axes
- Built-in Pre-amplifier
- Comes with a 3.3m special cable

Model	730ZT	731ZT
	Standard type	High sensitivity type
Sensitivity (mV/m/s^2)	1.0 ± 10 % (9.8 mV/g)	10.0 ± 10 % (98 mV/g)
Transverse sensitivity (max)	Less than 5 %	
Base noise (max)	20 μVrms	40 μVrms
Compensated temperature range	−50 ℃ 〜 120 ℃	−50 ℃ 〜 110 ℃
Frequency response (±3dB)	X, Y axis : 0.5 Hz 〜 15,000 Hz Z axis : 0.5 Hz 〜 20,000 Hz	X, Y axis : 0.5 Hz 〜 10,000 Hz Z axis : 0.5 Hz 〜 18,000 Hz
Resonance Frequency	55 kHz or higher (Z axis)	
Max. acceleration (m/s^2)	±5000 (±510g)	±450 (±46g)
Max. tolerated acceleration (m/s^2)	30,000(3,060g) or higher	30,000(3,060g) or higher
Output impedance	Less than 100 Ω	Less than 500 Ω
Ground	Case ground	
Cable	Special cable ＊CL-730B (included) / CL-730M (optional)	
Connector	CZ664	
Case material	Titanium	
Size (W x H x D)	10 mm x 10 mm x 10 mm (Connector excluded)	
Weight	approx. 4.4 g	
Included	Mounting screw (M3 x 0.5 x 4) x1, CL-730B (3.3m, 4P-BNC), Mount base x1	

Optional accessories

Cable	For 730ZT / 731ZT（3.3m, 4P-Miniature）	CL-730M
	For 730ZT / 731ZT（3.3m, 4P-BNC）	CL-730B
Mount base	For 730ZT / 731ZT 5 pcs included	PS-730Z
Magnet mount	For 730ZT / 731ZT	MG-730Z

CL-730M — Cable（3.3m, 4P-Miniature）
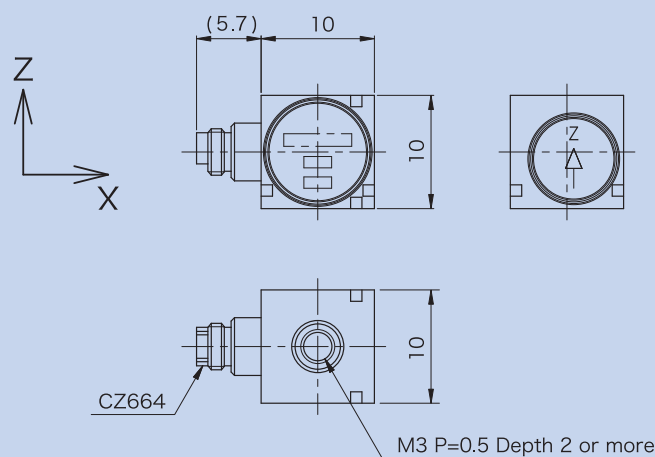**CL-730B** — Cable（3.3m, 4P-BNC）
PS-730Z — Mount base
MG-730Z — Magnet mount

Dimensions

730ZT 731ZT Common

(5.7) 10
10
10
CZ664
M3 P=0.5 Depth 2 or more

611・611W

- Tiny
- Tiny / IPX8 Waterproof

611
611W
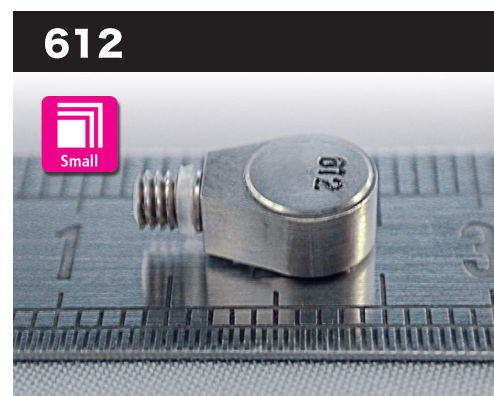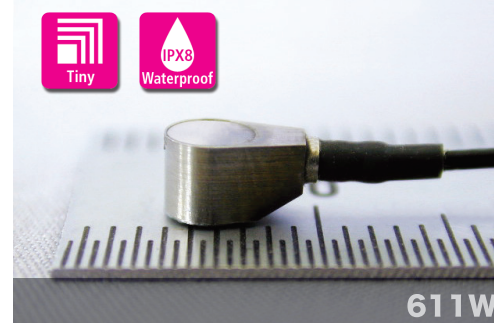
Model	611	611W
Feature	Super small	Super small Waterproof
Max. Acceleration (m/s^2)	±100,000 (±10,197g)	±10,000 (±1,020g)
Sensitivity (pC/m/s^2)	0.035 (0.34 pC/g)	0.0459 (0.45 pC/g)
Frequency response (Hz) ±3dB	fc〜20,000	fc〜20,000
Compensated temperature range (℃)	−50〜160	−50〜160
Cable	3m (installed)	3m (installed)
Weight (g)	approx. 0.2	approx. 0.2
Waterproof rank	—	IPX8

※611W : BUILD TO ORDER

611
φ3.5
5.8 5
2.5
φ1 - Low noise cable Miniature connector attached on the other end

611ZS
φ0.8 φ0.8- Low noise cable LN-008　Length 3m ×3
Miniature connector attached on the other end x3
8
Y X
7
Y
X
Serial number
Z
4
φ6
5.5
0.5

611ZS・611ZSW

- Tiny
- 3 axes
- IPX8 Waterproof

Model	611ZS	611ZSW
Feature	Super small	Super small Waterproof
Max. Acceleration (m/s^2)	±25,000 (±2,550g)	±25,000 (±2,550g)
Sensitivity (pC/m/s^2)	0.04 (0.39 pC/g)	0.04 (0.39 pC/g)
Frequency response (Hz) ±3dB	fc〜20,000	fc〜20,000
Compensated temperature range (℃)	−50〜160	−50〜160
Cable	3m (installed)	3m (installed)
Weight (g)	approx. 1.2	approx. 1.3
Waterproof rank	—	IPX8

※611ZSW : BUILD TO ORDER

612
2 2
9.5 (3.1)
C29 -103R (Tap M3)
φ6.5
4.2

612

- Small

Model	612
Feature	Small
Max. Acceleration (m/s^2)	±10,000 (±1,020g)
Sensitivity (pC/m/s^2)	0.17 (1.68 pC/g)
Frequency response(Hz) ±3dB	fc〜18,000
Compensated temperature range	−50〜160 (℃)
Weight (g)	0.8