

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/>

TEAC AMERICA, INC.

10410 Pioneer Blvd. Suite 1, Santa Fe Springs, California 90670, U.S.A.
TEL: +1-323-726-0303 | FAX: +1-323-727-7656
<http://www.teac.com/>
Email datarecorder@teac.com

TEAC

<http://loadcell.jp/en/>

Piezoelectric type accelerometer & Related products digest catalog



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

2 models available to best suit your application

730ZT

1.0mV/m/s²

731ZT

10.0mV/m/s²

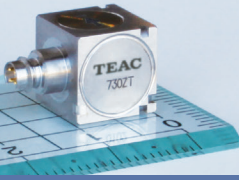
TEDS



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.

3-axis tiny piezoelectric type accelerometer

730ZT/731ZT



Spec

TEDS

Tiny & Lightweight

3 Axes

Built-in
Pre-amplifier

Comes with a
3.3m special cable



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

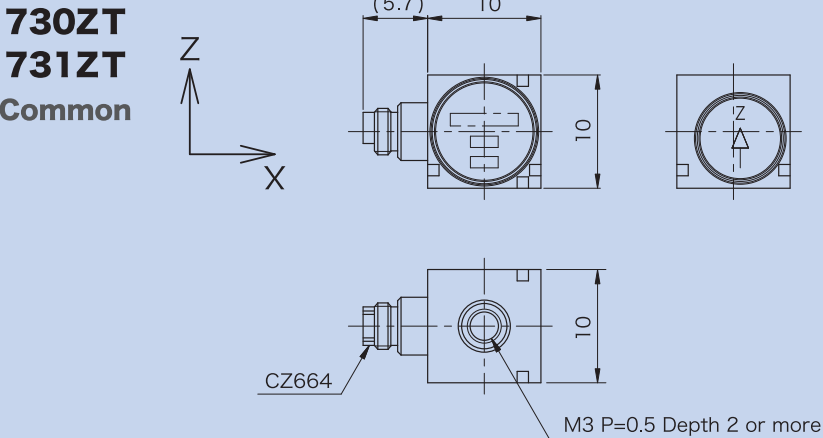
CL-730B

PS-730Z

MG-730Z

Cable (3.3m, 4P-Miniature) Cable (3.3m, 4P-BNC) Mount base Magnet mount

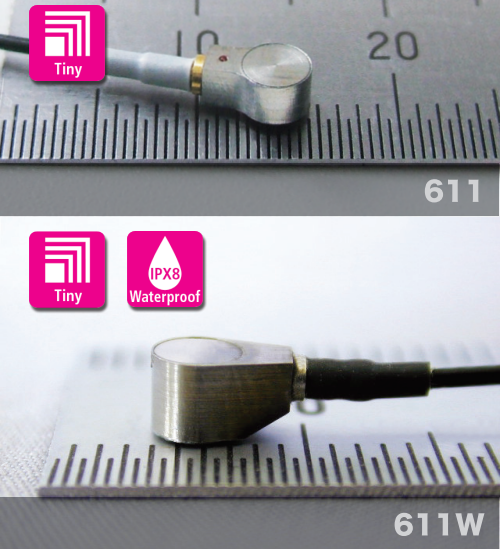
Dimensions



Electric charge type
Tiny accelerometer series

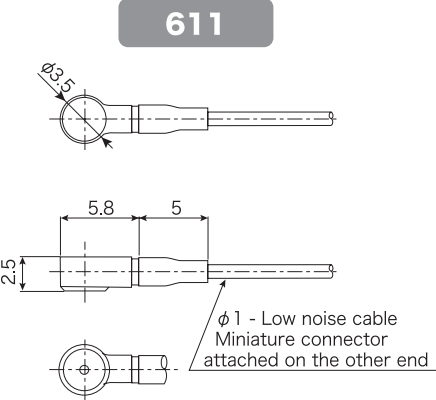
Even more products
for your applications

611・611W

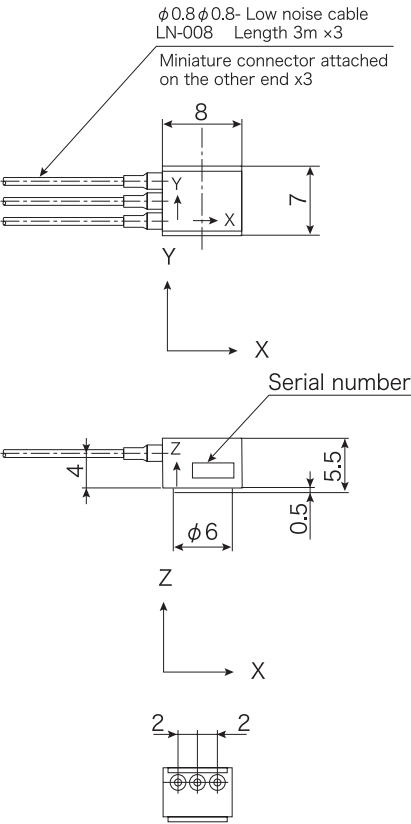


| Model | 611 | 611W |
|---|------------------------|---------------------------|
| Feature | Super small | Super small Waterproof |
| Max. Acceleration (m/s ²) | ±100,000 (±10,197g) | ±10,000 (±1,020g) |
| Sensitivity (pC/m/s ²) | 0.035 (0.34 pC/g) | 0.0459 (0.45 pC/g) |
| Frequency response (Hz) ±3dB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

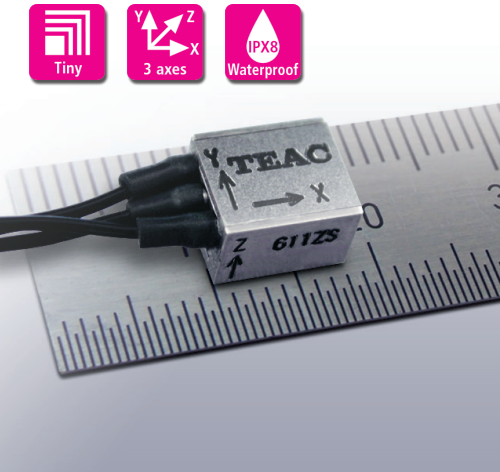
※611W : BUILD TO ORDER



611ZS



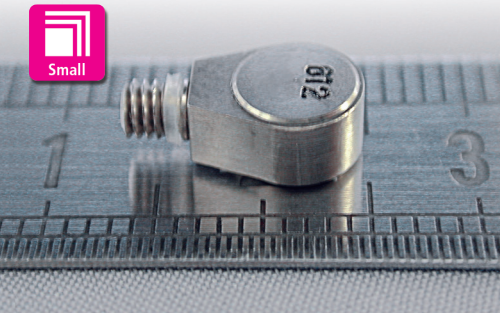
611ZS・611ZSW



| 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 (°C) | —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



| 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 (°C) |
| Weight (g) | 0.8 |

