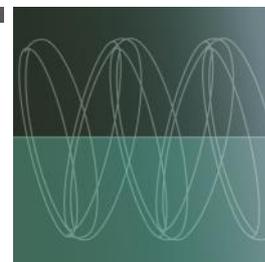


AccStick

Shock & Vibration Data Logger



AccStick

This extremely small device with built-in 3D accelerometer, flash- memory and rechargeable battery has been released. 3D acceleration waveforms are captured via high speed sampling, at 1600Hz max. Measured data can be described and converted to .csv file via PC software.

Features

Wide measuring range

2 accelerometers built in to a single unit enable measurements of the accurate behavior of 3D acceleration from 2G to 400G.

High speed sampling

Acceleration waveform in detail is captured by Max 1600Hz sampling rate.

Small package

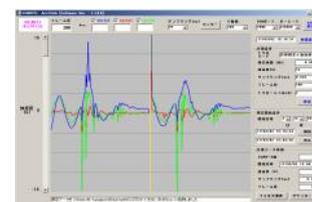
The extremely small unit, 32.4×21.0×10.5 mm, will enable you to measure 3D acceleration in any location.

PC software

Configuring of the measuring conditions, viewing and conversion of the measured data can be conducted via PC software.

Calibration Service (optional)

To measure 3D acceleration with high accuracy, we provide you optional calibration service. Test report & traceability chart will be attached with your device.



Application

Testing environment

During evaluation testing such as Drop test, shock test, vibration test so on, this small device can capture the acceleration of products.

Motion capturing

This device can measure the motion behavior of humans or robots, etc.

Automotive

3D acceleration can be measured at various locations during a testing drive.

Specification

Model	A01-16400
Acceleration Range (G)	Shock sensor : ±100、200、400 Vibration sensor : ±2、4、6、8、16
Sampling rate (ms)	0.625, 1.25, 2.5, 10, 20, 40, 80, 160 (selectable, 0.625setting is only vibration sensor)
Frame length	100 to 500,000(selectable)
Trigger mode	Instantly, Timer, Acceleration, Timer& Acceleration
Memory	4MB Flash memory (Max. 500,000 data)
Battery	Lithium polymer battery with rechargeable (1 hour to full charge)
Size (mm)/mass (g)	32.4×21.0×10.5mm / 15g
Casing	Aluminium with 2 through holes for fixing
Operation Temperature	0~60°C (without dew condenses)
PC software	Sensor control, data download, csv output, OS: Windows 7/10
Accessories	Micro USB cable / Designated cable

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