

**SHINYEI TESTING MACHINERY CO.,LTD.**

B47-11, Katoridai, Tsukuba, Ibaraki

Shinichi SHIBATA - Representative Director

Product Launch of Ultra Compact Shock & Vibration Data Logger “ AccStick Series “

Shinyei Testing Machinery Co.,Ltd. is proud to present our high accuracy Ultra Compact Shock & Vibration Data Logger the [AccStick Series]. The first model in the series (Model: A01-16400), which provides 3 axis measurement reading for vibration and shock in an ultra-compact package will be available from June 2017 onwards.

The AccStick A01-16400 series exterior measures only 32.4 x 21.0 x 10.5mm, and weighs a mere 15g. With acceleration sensors, battery, and memory all packed into a small compact aluminum casing, it is first of its kind and you will not find a similar product in the market to date. Its design provides an advantage over competition with no exterior connections needed to gather various acceleration data. With its compact profile and wire-free capabilities, it provides solutions to various constraints that are faced by potential users today, such as tight and small spaces and rotating surfaces. Designed with convenience for the end user in mind, the product is design in a convenient shape with two attachment holes at either ends that enables attachment to surfaces via tape, screws or cables. An aluminum casing was used considering the higher percentage of accuracy that it provides to measurements.

Shinyei Testing Machinery Co., Ltd. is accredited with the ISO/IEC17025 for the calibration of accelerometers. With that we assure that we conduct 100% test inspection for acceleration for this product. We provide both accuracy and reliability in our hardware and software.



Product Name	:	Shock & Vibration Data Logger “ AccStick “
Model Number	:	A01-16400
Product Launch	:	1st June 2017
URL	:	http://www.shinyei-tm.com

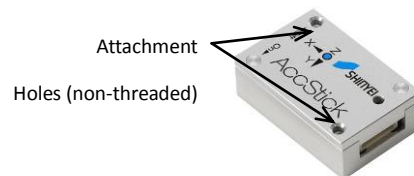
Overview

To measure acceleration, we will require an acceleration measuring instrument. Most equipment available in the market today comes with external sensors connected via wires. These products also face limitations in providing measurements for small and confined spaces or rotating surfaces. Due to market demand, we developed the AccStick Series that will overcome these limitations. We plan to further expand the AccStick product range in the near future. As for now, we are launching the first in the product range, the A01-16400. It is able to collect data for both shock and vibrations, and is suitable to be applied to various industries, such as automotive, electronics, production lines, robotics, life sciences, logistics, infrastructural management, and many more. It could be applied to various fields throughout the world.

AccStick A01-16400 Features

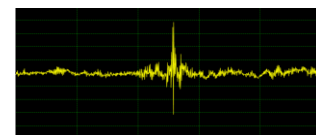
1. Compact, Easy to use, and can be used for a wide range of applications

Compact design at only 32.4×21.0 x 10.5 mm.
Aluminum casing with attachment holes for convenient attachment to various surfaces.



2. 2 types of acceleration sensors built in.

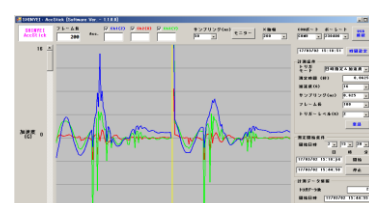
With a vibration sensor ($\pm 16G$), and shock sensor (± 400) built in, it provides a wide range of measurements options. Wave ranges can be selected to cover a wide range of measurements. For example:-
~to measure vibration on a conveyor belt, vibration sensor range is selected.
~to check drop shock for electrical equipment, drop shock sensor range is selected.



3. Dedicated software provides convenient data import and export

Original dedicated software provides easy connectivity to PC for parameter settings. Data from data logger is easily transferred to PC and can be conveniently converted to .CSV format. Converted data could be easily studied and analyzed in .CSV format via Microsoft Excel or equivalent.
Software is available for free download via company website.

* Available in English and Japanese.



Potential Applications

- Various automotive applications
- Reliability testing for electrical products
- Motion monitoring for robots and androids.
- Logistical distribution such as during loading and unloading, and distribution.
- Sporting goods development.
- Production equipment monitoring and maintenance.



Electrical product test



Automotive vibration test



Package drop shock test

Specifications

Model	A01-16400
Acceleration Range (G)	Shock : ± 100 、200、400 Vibration : ± 2 、4、6、8、16
Duration Range (ms)	0.625, 1.25, 2.5, 10, 20, 40, 80, 160
Memory Capacity	4MB Flash Memory
Measurement mode	Time Limited, Acceleration, Time and Acceleration
Power Source	Rechargeable Lithium Polymer Battery
Dimensions/Weight	32.4×21.0 ×10.5 mm / 15g
Casing material	Aluminum
Operating Temperature	0~60°C (without condensation)



(Package includes;)

- Micro USB cable
- PC connecting module
- AccStick Unit
- PC connecting harness

<For Enquiries and Quotation Please Contact>

Shinyei Kaisha Electronics (M) Sdn Bhd – Sales Department

- Mr Johan

No. 313, Lot 2557, 6½ Miles, Jalan Skudai, 81200 Johor Bahru, Johor, Malaysia.

Phone Number: +607-235 1459 Fax Number: +607-238 6022

URL : <http://www.shinyei-tm.com>