

FIELD DATA RECORDER

FIR-106

Shock Recorder

FIR-106

Shock recorder FIR-106 is a pen recording styled data logger that can capture vibration of products during transport. Handling is so easy that you can record shock clearly in any position and read it directly. Power supply is not required.

Features

- Guaranteed precision at all times by performance test.
- Continuous recording of about 3000 times automatically.
- Easy-to-use in any condition due to the compact size.
- Clear lines will be drawn on the recording paper in any position.
- Gridlines are printed on the recording paper.
- Data is drawn at m/s^2 so you can read it directly without correction or translation.

Application

- Recording the shock that product suffered during transport.
- Monitoring the transport vehicle and loading.
- Self-monitoring for transport insurance purposes.



Specification

Model	FIR-106	
Measurement direction	1 axis	
Range of measurement (m/s^2)	$\pm 50 (\pm 5G)$	$\pm 100 (\pm 10G)^*$
Recording sensitivity ($mm/(m/s^2)$)	0.3	0.14
Natural frequency (Hz)	30	40
Measuring frequency range (Hz)	0 ~ 20	0 ~ 25
Recording method	Scratch recording	
Printed paper	Stylus paper (including acceleration scale)	
Paper – driven method	Automation	
Paper – driven (m/s^2)	Over ± 5	Over ± 10
Size (W × D × H mm)	109 × 94 × 64	
Weight (kg)	0.7	
Power supply	Not necessary	

* A minimum lot is needed.



SHINYEI TESTING MACHINERY CO., LTD.

Head Office B47-11, Katoridai, Tsukuba, Ibaraki, 300-2657, JAPAN

Tel: +81-29-848-3571 FAX: +81-29-848-3572

International Sales Office

Shinyei BLDG. 5F, 77-1 Kyomachi, Chuo-ku, Kobe 651-0178, JAPAN

Tel: +81-78-392-6903 FAX: +81-78-332-1619