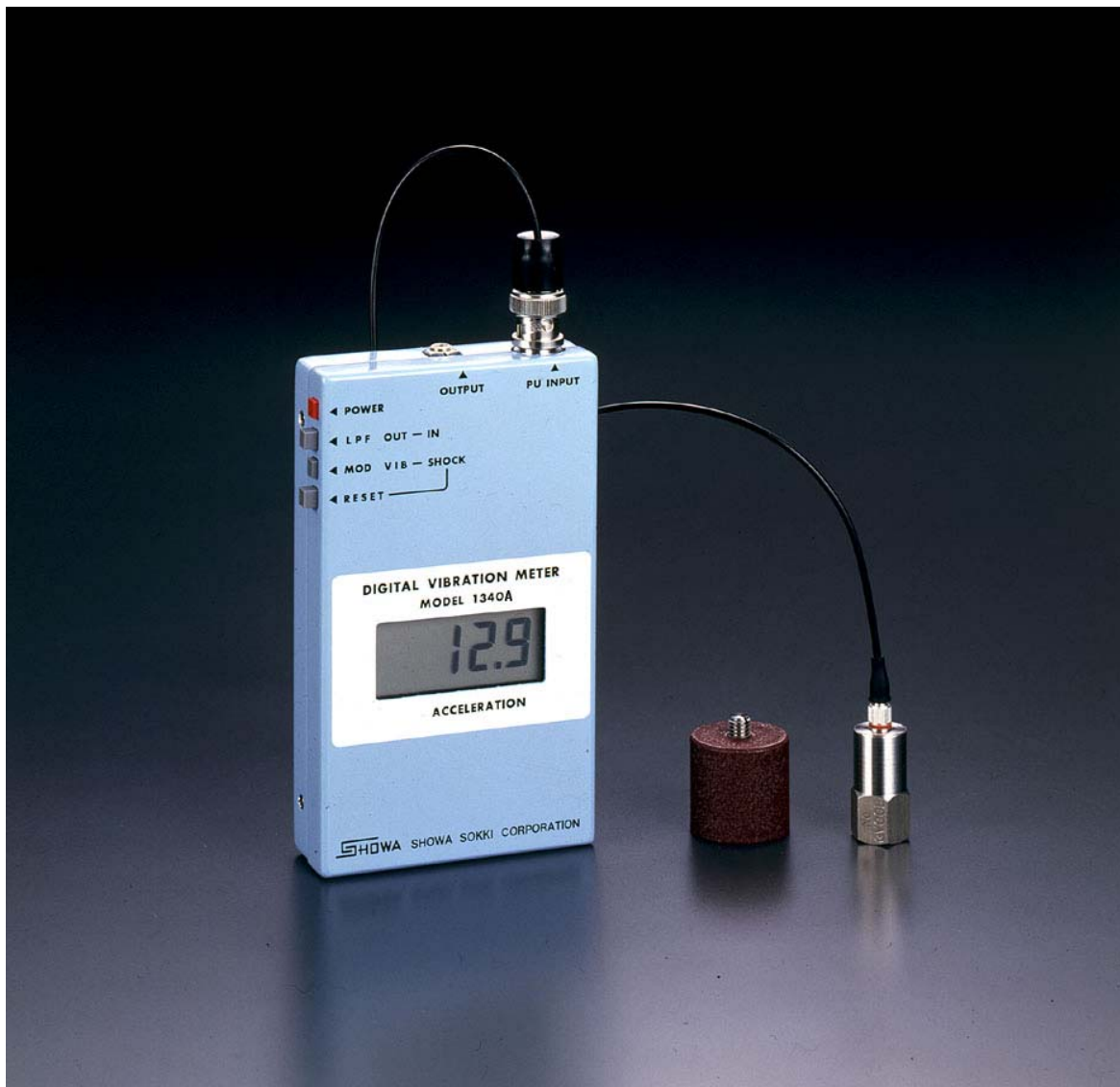


Shock Meter Model-1340A

Holds and digitally indicates maximum value of acceleration.
Built-in low-pass filter cuts unnecessary high frequency components.

Compact, lightweight, portable body suitable for field measurement.



- Compact and light weight.
- Vibration acceleration measurement in VIBRATION MODE and shock acceleration in SHOCK MODE are available.
- Easy reading of 0 to 2000m/s² without changing sensitivity.
- Charge amplifier assures stable sensitivity, making it possible to use long cable (option) without degrading sensitivity.

PEAK HOLD TYPE SHOCK METER

Model-1340A

FEATURES

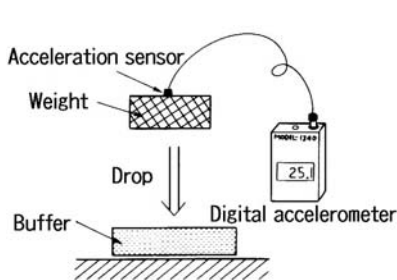
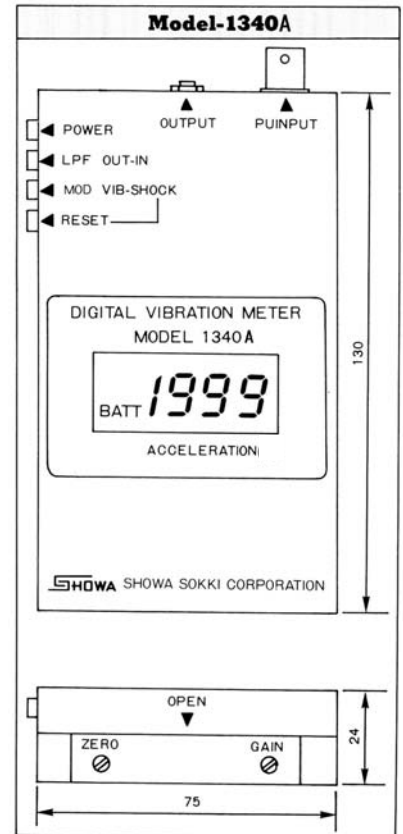
- When Acceleration Sensor fitted to a product is dropped, acceleration applied to the product can be measured.
- Capability to measure impulsive acceleration such as press, etc.
- Applications to designing and testing cushioning materials.

COMPOSITIONS

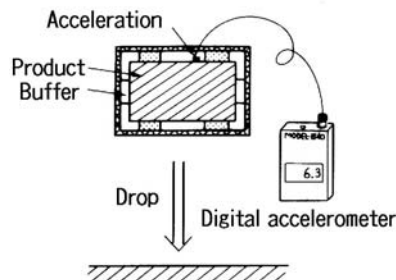
Digital Accelerometer	Model-1340A	1set
Piezoelectric Pickup	Model-2304A	1pce
(with M6 screws, contact pin, handler)		
Low noise cable	LNC-1A-3(3m)	1pce
Magnet holder	MG-1	1pce
Output cable(1m)		1pce
Dry cell(6LR61)		1pce
Small-size slotted screwdriver		1pce
Shoulder case		1pce
Operation Manual		1copy

SPECIFICATIONS

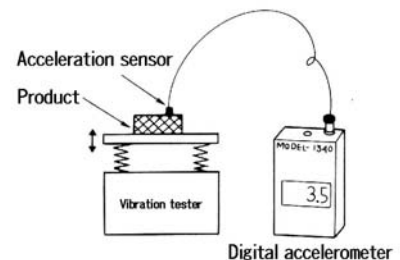
INPUT TRANSDUCER	:Piezoelectric pickup Model-2304A approx.5pC/(m/s ²)
INPUT TERMINAL	:Charge input type, BNC connector
MEASURING RANGE	:0~1999m/s ² (Peak) (Option:0~19990m/s ²)
RESOLUTION	:1m/s ² (Peak) (Option:10m/s ²)
FREQUENCY RANGE	:5Hz~5KHz, Within 5%
LOW-PASS FILTER	:Cut-off frequency 500Hz (-3dB), -12dB/OCT
ACCURACY	:3% of reading, ±1m/s ² :(80Hz sine wave, 100m/s ² vibration, 23°C±3°C)
DETECTION METHOD	:VIBRATION; Detection of mean value of sine wave calibration, Peak value indication. SHOCK; Detection of absolute value, peak hold. Releasable by reset button. Peak hold is effective for acceleration of 10m/s ² or more. (For optional specifications, peak hold is effective for 100m/s ² or more)
RESET FUNCTION	:For use in SHOCK MODE to clear held value.
AC OUTPUT	:1mV/(m/s ²) 2V/FS, output resistance 1KΩ, mini-plug. (Option: 0.1mV(m/s ²))
DIGITAL INDICATOR	:LCD, 3(1/2) digits Sample rate VIBRATION: about 3 times/sec.
POWER SUPPLY	:9V alkaline dry cell (6LR61) × 1 Continuous use for more than 50 hours (or (006P) × 1) Battery alarm; about 7V or less, current consumption about 5mA.
TEMPERATURE STABILITY	:-10°C~50°C
WEIGHT	:Body; approx. 220g Full set with accessory; approx. 800g



① Shock test for buffer



② Demonstration test after designing for buffer



③ Measurement of vibratory acceleration at each part of product