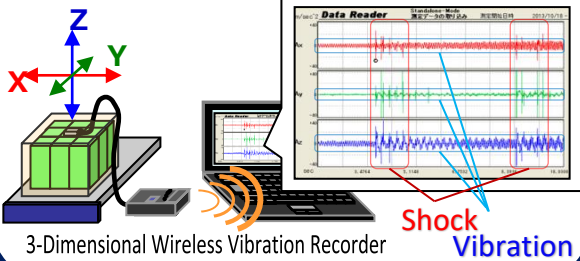


First
in the
industry

New innovative TRANSPORTATION TESTER "Triaxial simultaneous vibration" + "Shock"

Capable of reproducing product damage
more than 95% during transportation by a truck!

- Resonance points detection
 - Packaging design checking
- [Analysis software]



3-Dimensional Wireless Vibration Recorder
*Discontinued product



Transportation Tester Model: BF-50SST

Adjustable shock amount

Capable of shock during transportation by a truck



Normal



Front



Back



Vertical

Specifications

Vibration direction/ Up/down, right/left, front/rear
(simultaneous vibration)

Adjustable displacement range/ 0.2~2.6mmP-P

Vibration table/ 500 × 600mm with L type jig

Frequency range/ 10~67Hz (0.1Hz unit)

Acceptable acceleration range/ 98m/s²(10G)

Maximum loading weight/ 50kg

Operation mode/ Vibration: MANUAL / SWEEP /
TRANSPORTATION / COMBINATION

Shock: Front • Back • Vertical • Mix

Shock amount setting/ Adjustable by positioner

Shock cycle setting/ Adjustable at intervals of 6 seconds
or longer

Temperature/ 0~40°C (No condensation)

Power source/ AC200~240V 3phase 50/60Hz 5A or below
(1 phase required, please specify)

Dimensions & weight/

Vibration unit 610(W) × 760(D) × 740(H)mm, approx. 270kg

Control unit 650(W) × 460(D) × 900(H)mm, approx. 65kg

※ Height of a pilot lamp is not include

Four points for reproducing product damage during transportation by a truck

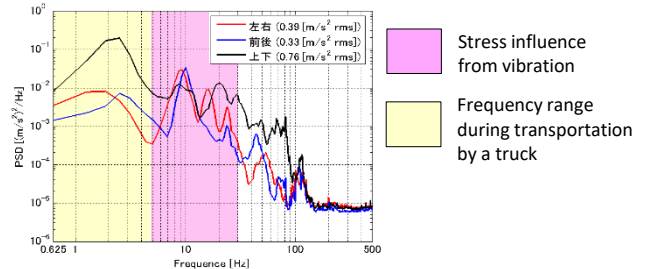
Recent years, carrying out the various tests in order to prevent the damage of packaged products is generally. However, even if you clear the all test specified by the standard, many persons in charge are suffering about damage of packaged products during transportation.

IDEX's tester have reproduced product damage by generating a triaxial simultaneous vibration very close to transportation conditions by a truck. However, cargo during transportation is not only vibrations, many factors also occurs such as shock, drive over a curb and bumpy road.

The tester enables to generate "vibration" and "shock" simultaneously during transportation by a truck. This made reproducibility has greatly improved.

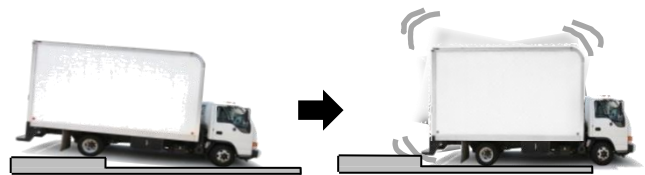
Point 1 Triaxial simultaneous vibration occurs to products

The tester can reproduce product damage by generating a triaxial simultaneous vibrations close to transportation conditions which is difficult to reproduce by a tester specified the standards.



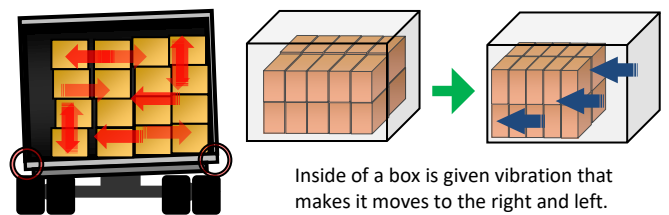
Point 2 Suspension of a truck simulation

Suspension of a truck, which gave a swinging motion, and shock by drive over a curb are greatly influenced to product. BF-50SST is capable of reproducing conditions during transportation.



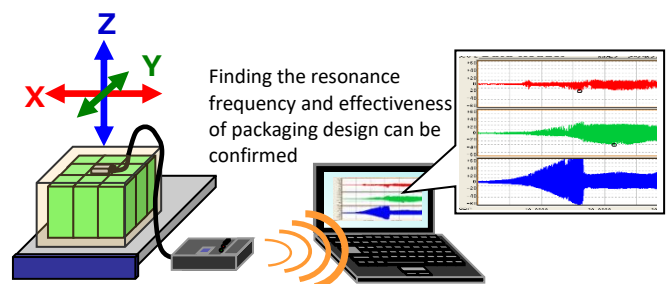
Point 3 Movement of cargo occurring right-left turn by a truck can be simulated

It can simulate right-left movement of packaging cargo occurring right-left turn by a truck



Point 4 Study property of product and effectiveness of packaging design through vibration / shock analysis

You can study property of product and check effectiveness of current packaging design by measuring / analysis each 3-axis acceleration
*3-Dimensional Wireless Vibration Recorder is currently not available for sale.



(Manufacture)



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