

# BUMP TESTER

# CDS series

## Continuous Shock Testing System

### CDS-50, 100

CDS is specialized to carry out continuous shock test by half-sine wave via cam drive mechanism, also known as bump test. It is mainly used for endurance testing of automotive parts like mirror, car audio, etc.

#### Features

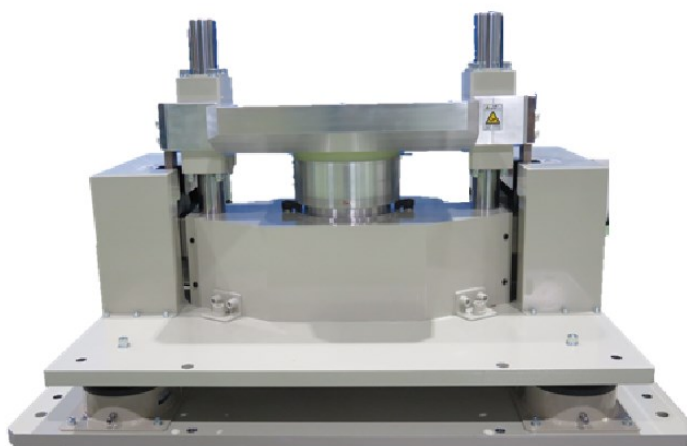
- Specialized for continuous shock test
- High Reproducibility
- Easy Maintenance for Long Term Usage
- Easy-to-Use Test Settings by cam motion
- Simple Setting by Simple Construction
- Set-up by Single-Layered Shock Absorber

#### Compliance Standard

- IEC 60068-2-27
- JIS C 60068-2-27

#### Related Products

- Acceleration Measuring System SM-500



CDS-50

#### Specification

Model	CDS-50	CDS-100
Table size (mm)	500 × 500	1000 × 1000
Specimen max weight (kg)	50	100
Shock pulse	Half-sine	
Acceleration range (m/s <sup>2</sup> )	60 ~ 1000 (6 ~ 100G)	
Repetition rate (per second)	1 ~ 3	1 ~ 2
Pulse duration (m/s)	2 / 6 / 16	
Control system	Automatic (1 ~ 99999 times) (by preset counter setting)	
Size (W × D × H mm)	1020 × 900 × 900	1700 × 1200 × 1080
Capacity (kg)	750	2800
Power supply	AC200V, 3-phasese, 600W	AC200V, 3-phasese, 2.5kw
Applied Standards	JIS C 60068-2-27, IEC 60068-2-27	

\* (Available for customization) The above are standard specifications. Please contact us if you have any request to customize.



## 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