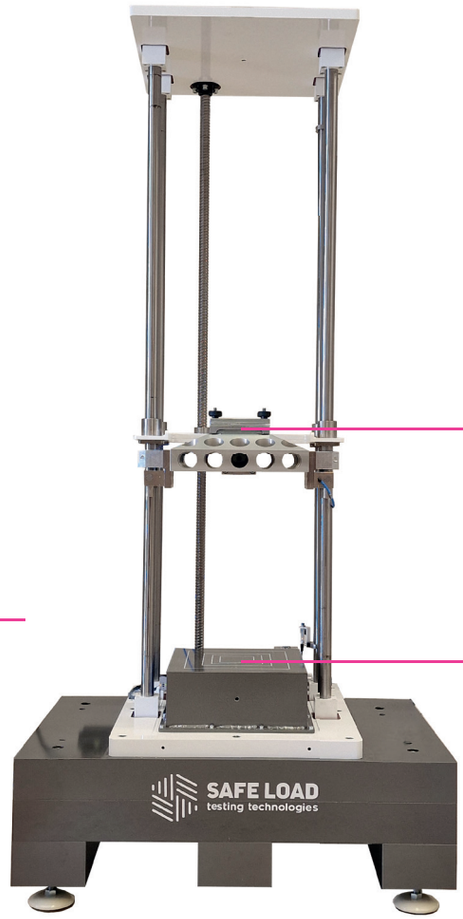
Cushion Tester

innShock

The Cushion Tester is an automated laboratory testing machine designed to determine the dynamic shock cushioning characteristics of different types or densities of packaging materials.



Adjustable static loads for obtaining damping curve

Automatic anti-rebound system

Positioning aids for user convenience

Image: CS10

1. Obtain accurate cushion curves instantly with maximum ease and reliability

2. Perform controlled high-intensity shocks to evaluate the damping properties of the sampling unit

3. Provide valuable insights into optimal product transportation

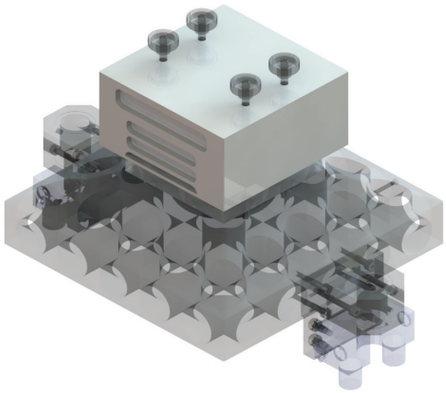
Industries

Key features

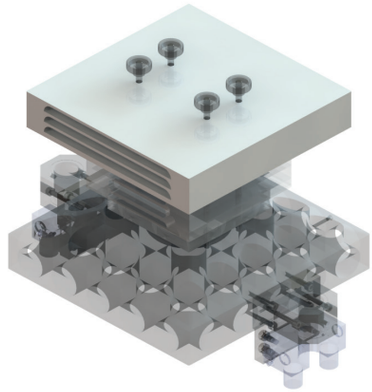




- Fully automatic machine
- Automatic anti-rebound system
- High precision and repeatability
- Multiple drop modes:
  - Single
  - Repeated
  - Continuous: includes programmed wait time and integrated restitution time
- Interface: PC
- Electrical connection according to country



Ballast kit II



Ballast kit III

Optional accessories

- Seismic mass
- Ballast kit II, and III
- innData

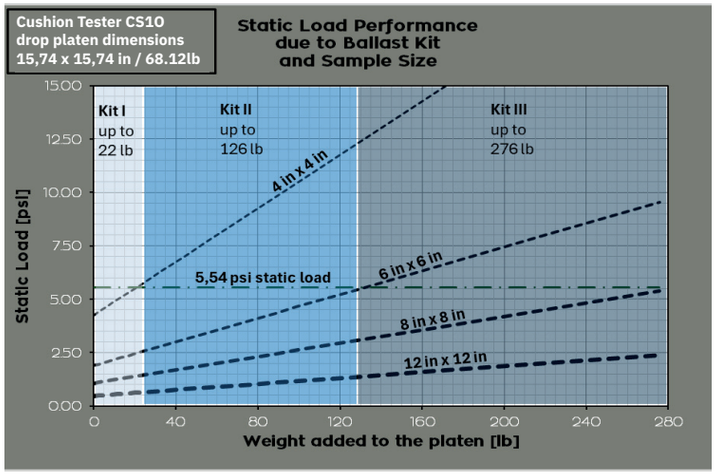
Cushion impact applications

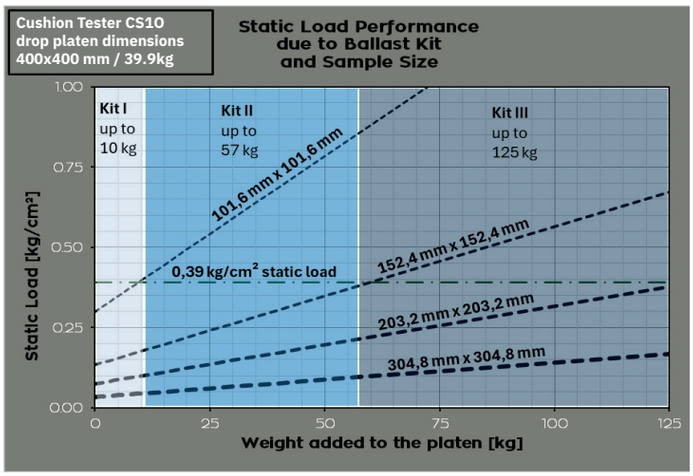
- ASTM D1596
- Internal procedures: Quality, R&D, and more

Other standards may be supported; ask our sales team.

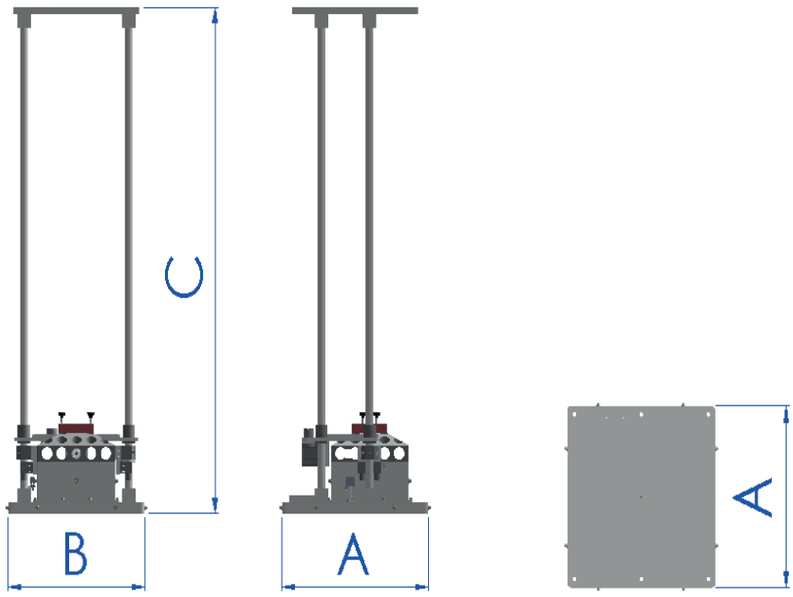
Performance specifications

innShock	Static loading range	Platform dimensions	Maximum load height
innShock - Cushion Tester			
CS10	Platen: 30 kg (66 lb) Ballast Kit I: 0,5 to 10 kg (1.1 to 22 lb)	400 x 400 mm (16 x 16 in)	1.500 mm (59 in)





Equipment dimensions



innShock	Connections	System dimensions			System Mass	System dimensions			System Mass
	Power (kW)	A (m)	B (m)	C (m)	Weight (kg)	A (ft)	B (ft)	C (ft)	Weight (lb)
innShock - Cushion Tester									
CS10	2	8	0,8	0,8	750	2.6	2.6	7.2	1,653