

⇒ innSlide

HORIZONTAL STABILITY TESTER

The innSlide family includes an advanced range of solutions that simulate the horizontal accelerations and decelerations (speeding, slowing down and **braking**) produced by several means of handling and transportation to ensure the rigidity and safety of loads.

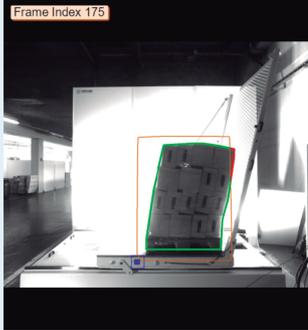
DESIGNED TO PERFORM

- > **EUMOS 40509** Test method.
- > **US FMCSA** Cargo Securement requirements.



Technical specifications

- > Able to simulate acceleration and deceleration tests.
- > Up to 2.5 tons load.
- > Possibility of modifying the k acceleration and dwell time.
- > Simple maintenance.
- > Touchscreen to command easily the tests.
- > innSlide Vision system: high-speed camera, tripod and software that measures the unit load deformation and creates a report.



Frame	Time (ms)	Def (mm)	Def limit	OK / Not OK
171	1419	139	111	Not OK
172	1428	141	111	Not OK
173	1436	149	111	Not OK
174	1444	154	111	Not OK
175	1453	159	111	Not OK
176	1461	165	111	Not OK
Over Elastic Deformation				
167	1386	116	111	Not OK
168	1394	121	111	Not OK
169	1403	126	111	Not OK
Permanent Deformation				
479	3976	21	60	OK

Buttons: Capture Data, Analyse data, Export PDF, Play Video

Optional

- > innSlide SET: performs custom tests.
- > Length: Can be extended.
- > Accelerometer.
- > innSlide Vision Pro system: high-speed artificial vision camera, tripod and software that records and analyzes the results in real time, generating an automatic report.

HORIZONTAL STABILITY TESTER

Model	Max. Testing Load (kg)	
	Acc. 0,8 g	Acc. 0,5 g
SF-HS2500	2500	3800
SF-HS2000	2000	3200
SF-HS1800	1800	2500
SF-HS1500	1500	2000
SF-HS500	500	1000
SF-HS200	200	600



HORIZONTAL STABILITY TESTER

The new innSlide Boomerang is the world's most compact equipment for acceleration tests, such as EUMOS 40509, to measure the stability and rigidity of loads.

ADVANTAGES

- > Transportable (by truck or big van).
- > Easily lifting design (forklift).
- > Possibility of lateral and longitudinal load.
- > Same results as a conventional machine.



Technical specifications

- > Innovative patented testing method.
- > Test up to 0.8g.
- > Platform dimensions 1.400 x 1.400 mm.
- > Dimensions (L x W x H): 3 x 1,4 x 3 m.
- > Touchscreen to easily command the tests.
- > innSlide Vision system: high-speed camera, tripod and software to measure the unit load deformation and creates a report.

Optional

- > innSlide Vision Pro system: high-speed artificial vision camera, tripod and software that records and analyzes the results in real time, generating an automatic report.
- > Possibility of performing load resonance frequency analysis (sinusoidal sweep).

BOOMERANG / HORIZONTAL STABILITY TESTER

Model	Max. Testing Load (kg)		Load Platform (m x m)
	Acc. 0,8 g	Acc. 0,5 g	
SF-HSB2500	2.500	1.500	1.4 x 1.4
SF-HSB2000	2.000	1.200	1.4 x 1.4
SF-HSB1500	1.500	850	1.4 x 1.4
SF-HSB1000	1.000	550	1.4 x 1.4

All our solutions comply with the security standards to guarantee the CE Mark.
If you are interested in getting a custom solution, please do not hesitate to contact us.

www.safeloadtesting.com

TESTING EQUIPMENT | CONSULTANCY | TRAINING | AFTER-SALES SERVICES

NOTE: Safe Load Testing Technologies reserves the right to modify these specifications at any time without notice due to continuous product innovation.