



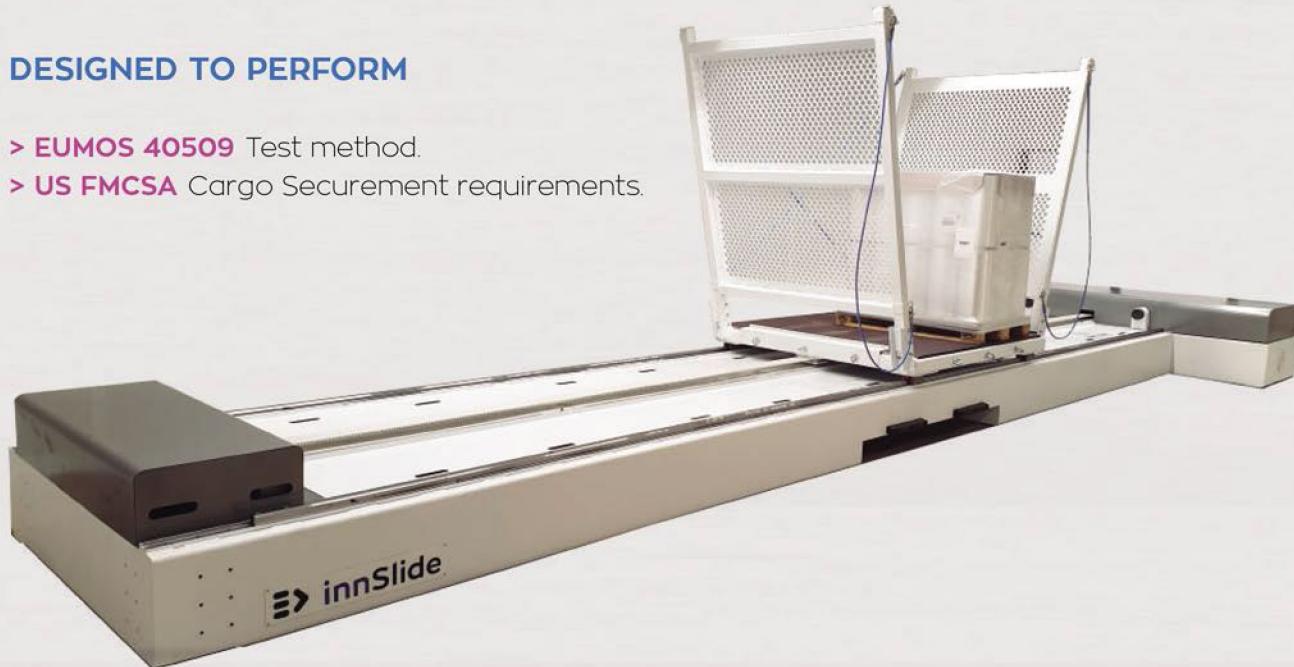
HORIZONTAL STABILITY TESTER

⇒ innSlide

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.

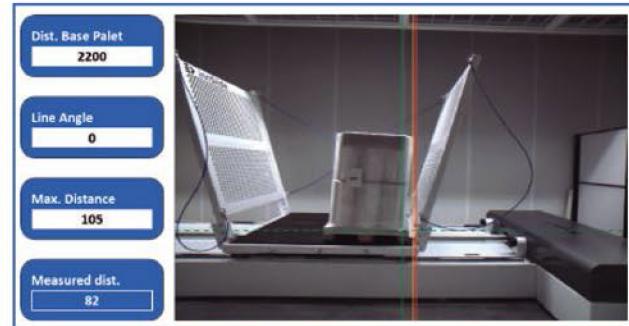
DESIGNED TO PERFORM

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



Technical specifications

- innSlide SET: Software included for setting customized acceleration and/or deceleration tests.
- 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 easily command the tests.
- innVision SET: high-speed camera and software to measure the unit load deformation, generating a report



innVision ST

Optional

- Length: can be extended.
- Accelerometer.
- innVision Pro: artificial vision system, high speed camera and software that records and automatically analyzes the results, generating a report.
- Loading channel in order to facilitate loading with a stacker.
- innData.

HORIZONTAL STABILITY TESTER

Model	Max. Testing Load			
	0,5 g		0,8 g	
	kg	lb	kg	lb
SF-HS2500	3.800	8.360	2.500	5.500
SF-HS2000	3.200	7.040	2.000	4.400
SF-HS1800	2.500	5.500	1.800	3.960
SF-HS1500	2.000	4.400	1.500	3.300
SF-HS500	1.000	2.200	500	1.100
SF-HS200	60	132	200	440

BOOMERANG 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.

The patented test method also makes it possible to detect points of improvement in the packaging system for subsequent optimization so that the load resists the dangers associated with the distribution cycle.

ADVANTAGES

- Transportable (by truck or big van).
- Easily lifting design (forklift/crane).
- Possibility of lateral and longitudinal load.
- Same results as a conventional machine.
- With the use of innSlide Boomenag, customers have achieved an average reduction of 25-30% in the use of stretch film as tertiary packaging, resulting in an average reduction of 15-20% in CO2 emissions.



Technical specifications

- > Innovative patented testing method.
- > Test up to 0.8 g.
- > Platform dimensions 1.400 x 1.400 mm.
- > Dimensions (L x W x H): 3 x 1,4 x 3 m.
- > innVision ST system to measure the deformation of unit loads during tests. The system consists of a 120 fps high-speed color camera and software that analyzes the deformation suffered by the load and, after the test, generates a report with the results.



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

Capture Data

Analyse data

Export PDF

innVision Pro

Optional

- > innVision Pro: artificial vision system, high speed camera and software that records and automatically analyzes the results, generating a report.
- > Possibility of performing low resonance frequency analysis (sinusoidal sweep).

BOOMERANG HORIZONTAL STABILITY TESTER

Model	Max. Testing Load			
	0,5 g		0,8 g	
	kg	lb	kg	lb
SF-HSB2500	2.500	5.500	1.500	3.300
SF-HSB2000	2.000	4.400	1.200	2.640
SF-HSB1800	1.800	3.960	1.000	2.200
SF-HSB1500	1.500	3.300	850	1.870
SF-HSB1000	1.000	2.200	550	1.210

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
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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.