



Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Moveable test rig for drop tests

with 2 cylinders in portal design



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Drop test rig for individual tests on chairs, tables, upholstery, mattresses, beds and other furniture according to BIFMA X5.1, ISO 7173, EN 1335, BS 5459.

- integrated emergency damping
- total falling mass 5625kg

Optional accessories

consisting of

- 1 test frame, portal design, moveable, clear width 2000mm
- 1 drop tester consisting of 2 position-controlled cylinders, stroke up to 770mm, load up to 136kg
- model with electro mechanic positioning and manual triggering of the drop tester with a magnet
- tare-able height measurement with digital display
- 1 drop weight pad, base weight 36 kg, acc. to BIFMA, impact surface 16''
- 1 drop weight pad for arm rest testing, acc. to BIFMA, impact surface 8''
- 1 additional set of weights for drop weight pads acc. to BIFMA (bags filled with steel gravel diameter 0.5 mm)
- 1 seat impactor for drop tester with impact pad.

technical data

Field of application	Manual testing acc. to DIN 4551, ISO 7173, NEN 1812, BIFMA X5.1 and BSI/BS 5459 in development and quality control during batch production
Test objects	Chairs, revolving chairs, armchairs, stools, rocking chairs, tables, beds, mattresses, upholstery
System configuration	Test rig for drop tests on different types of furniture with drop weights
Parameter limits	Drop weights: 9.1 to 136 kg (depending on drop weight and additional load) drop height: up to 770 mm
Test procedure	Specimens are subjected either to the entire test procedure prescribed by the standards or to selected individual tests.
Electric connection	230 V/50 Hz
Dimensions of test rig	1000 x 2200 x 2750 (length x width x height)
Weight	230 kg
Optional accessories	Drop weights

Your contact person: