

Combined test rig for position adjustments of fittings on bedframes, upholstered and seating furniture



The test rig tests **position adjustments** on different **fittings acc. to EN 1725, EN 1727, EN 15338 and DIN 68898**. Applications include, for example, **adjusting mechanics for the headboards of beds, different height adjustments for head rests of seating and upholstered furniture, and the locking function on functional fittings**. A **drop tester** is used for the loading of the fittings. The entire system is controlled by a **central supply terminal**, which can connect up to **5 pneumatic or electrical test axes**.

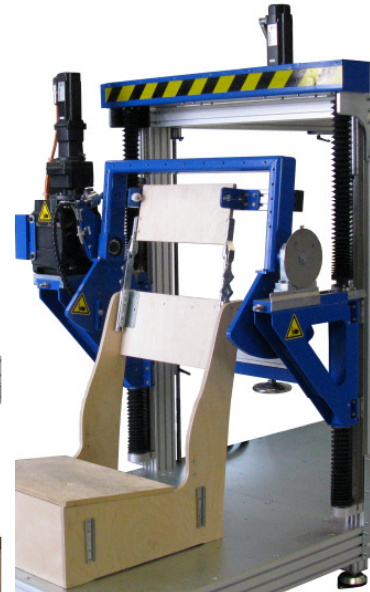
The **extensive testing and evaluation software LabControl** allows for a **flexible parameter entry**, the **execution of different testing procedures**, a **graphical representation of measured values**, **test evaluation**, and **logging**.



Test on bed fitting



Drop test on bed frame



Test on seating furniture fitting

Technical data

Field of application	Testing of fitting positions
Specimens	Functional fittings on bedframes, seating and upholstered furniture Maximum dimensions: 2.0 m x 1.2 m x 0.3 m
Loading unit	Drop tester: 136 kg / 500 mm Pneumatic actuator: 2500 N / 600mm Swivel unit: 1000 Nm / ±90° Number of cycles: can be set arbitrarily
Measuring device: load	Load measuring range: 0 – 2 kN Torque: 0 – 1000 Nm
Measuring device: position	Resolution: < 0.1 mm Measuring range max.: 500 mm
Number of cycles, testing procedure	Loading unit can be parameterised with the software Measured values can be recorded or used as control variable
Electrical connection	400V/50Hz
Compressed-air supply	6 .. 8 bar
Dimensions: transport B x T x H	1300 x 3600 x 2200 mm
Dimensions: installed B x T x H	1300 x 3600 x 3000 mm
Weight	1300 kg
Optional accessories	On request