

GT-L49
Chair Tilting Drop Tests



Application

The test rig for tilting and drop tests at chairs acc. to DIN 68878/1 is plc controlled. A cycle counter and automatic shutdown at specimen fracture are integrated. After the nominal height of 3mm is reached (which is detected by a light barrier) the specimen moves back to its initial position in free fall. The mountings on the base plate can be moved so that different types of chairs can be clamped in without any problems.

Optional accessories:

1 piece	40-910-086	Weight bag for tilting/drop test without weights
8 pieces	40-910-087	Weight bag 10kg
2 pieces	40-910-088	Weight bag 2,5 kg

Key Specification

Application	Tests according to DIN 68878/1 in the areas of development and quality control of serial production
Specimens	chairs, office chairs, stools, armchairs, cantilever chairs .
System configuration	Tilting and drop test on seating furniture
Parameter limits	Weight according to DIN: up to 85 kg
Test process	Specimens either run through the complete test process according to the standards or selected individual tests
Compressed-air supply	6 bar, quality of compressed-air according to ISO/DIS 8573 — 1 (connection via plug-in coupling 9mm and 1/a" tube)
Dimensions	1400 x 1000 x 1300 (length x width x height)
Weight	170 kg

GESTER INTERNATIONAL CO.,LTD

12-112 ShuiAnjiaRi ,JiangBin Road ,Fengze Region,Quanzhou of Fujian.PR.362000.China

TEL: 86 0595-22515230

FAX: 86 0595 22515221

E-mail: gester@gester-instruments.com

Web: www.gester-instruments.com