

DIN EN 1730:2013-01 (E)

Furniture - Tables - Test methods for the determination of stability, strength and durability

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	General test conditions	5
4.1	Preliminary preparation	5
4.2	Application of forces	5
4.3	Tolerances	5
5	Test Equipment and Apparatus	5
6	Test Procedures - Strength and durability	8
6.1	General	8
6.2	Horizontal static load test	8
6.3	Vertical static load tests	14
6.3.1	Vertical static load on main surface	14
6.3.2	Additional vertical static load test where the main surface has a length > 1 600 mm	15
6.3.3	Vertical static load on ancillary surface	16
6.4	Horizontal durability and stiffness test	17
6.4.1	General	17
6.4.2	Horizontal durability test	17
6.4.3	Stiffness of the structure	21
6.5	Vertical durability test	23
6.6	Vertical impact test	23
6.6.1	General	23
6.6.2	Vertical impact test for glass table tops	23
6.6.3	Vertical impact test for all other table tops	23
6.7	Deflection of table tops	23
6.8	Durability of tables with castors	24
6.9	Drop test	24
7	Test procedures - Stability	25
7.1	General	25
7.2	Stability under vertical load	25
7.2.1	General	25
7.2.2	Test for tables that are or can be set to a height of 950 mm or less	25
7.2.3	Test for tables that are or can be set to a height greater than 950 mm	27
7.3	Stability for tables with extension elements	27
7.4	Stability of tables designed to support a parasol	27
8	Test procedures - Height adjustment mechanisms	28
8.1	General	28
8.2	Durability of Height adjustment mechanisms	28