

BenchPro (Test Report)

BSI

*The European Standard EN 13150:2001
has the status of a British Standard.*

**Workbenches for laboratories – Dimensions, Safety requirements and test methods.*

Test Name: A.3.2. Vertical Static Load Test.

Start Date: 06/11/13

End Date: 06/12/13

Type Workbenches:

K- Series Workbench 30"X60"

Test Workbenches:

***Anex A (normative)**

 Vertical Static Load

Applicability:

Can be used for all types of workbenches.

Purpose of the test: Evaluate the ability of the workbenches to withstand fatigue stresses and wear caused by vertical forces on the workbench top.

Test Setup:

Parameter: Force= 2000 newtons = 7 BAR (101 PSI – lb/plg²),

Value = 10 Times.

Test Procedures:

A.3.2.-Vertical Static load test.

Apply a vertical downward force (see A.2.2) as specified in table 3 (force=2000 newtons) to the work surface of the workbench. Apply the force 10 times using the

loading pad, anywhere on the work surface likely to cause a failure but not less than 100 mm. from any edge. If there are several such positions repeat the test.

A.2.2- Vertical force application device, capable of applying either a fixed vertical force or a gradually increasing vertical force. The device shall not hinder any free movement of the workbench.

Conclusion: Acceptable Level,

After the tests was found the deflection due to vertical load test applied are within safety limits, and there wasn't affected any parts of the workbench; we found that all the workbench parts are in good conditions, legs, frame and top.

Pass	X
Fail	
Video	X