

**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.*

NAME TEST: PULL TEST- KENNEDY TABLES & WORKBENCHES SERIES,  
BENCH FRAME PULL TEST, July 30-2013

**Type Workbenches Kennedy Series:**

#1 BENCH FRAME HORIZONTAL (30X60 -K SERIES)

**\*Anex B (informative)**

Vertical  Impacted  Fatigue Test

Horizontal Fatigue Test  Pull Test

Vertical Impact Test

**Applicability:**

CAN BE USED FOR ALL TYPES OF WORKBENCHES

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

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**Test Setup:** Restrain the base of the workbench on the floor with the stops against the legs, for all test will be necessary to use rope, winch and scale.

**Test Procedures:** The table frame, top shelf, free standing shelf, shall be attached center to the scale with a rope, apply the force gradually using a winch.

**Test results:** Type Workbenches Kennedy Series:

BENCH FRAME HORIZONTAL

The bench frame supported a maximum force of 449 Lb. while the force was applied the frame deflection maximum was 1/8 in., and after removing the force, the bench frame returns to its place.

FORCE                      Deflection      (when the force was applied)

228 LB.                      1/8"

449 Lb                      1/2"

FORCE                      Deflection      (After the force was applied)

228 LB.                      0

400 LB                      0

449 Lb                      1/8"

#### **CONCLUSION:**

In order the test results the workbenches supported a maximum force of 400 lb without any deflection so are on acceptable levels and functional conditions.

<b>Pass</b>	<b>X</b>
<b>Fail</b>	
<b>Video</b>	<b>X</b>
<b>Photo</b>	<b>x</b>