

## FIRA VERTICAL TEST MACHINE FOR BEDS



**CAPABILITIES:** Static and durability testing of beds

### **DESCRIPTION:**

This versatile machine is capable of carrying out static and fatigue tests with a single head in the vertical downwards and upwards test loads.

The unit is designed with enough height and reach to test king-size beds and bunk beds.

The machine is capable of performing vertical static and fatigue loads on seats and tables.

The machine is capable of accepting a variety of different loading pads to suit all types of furniture.

The machine features a counterbalanced arm for rapid height changes.

The machine is supplied with over load and over travel switches to automatically cut out loads in the event of failure.

The output from the machine may be connected to an optional datalogger.

### **THIS EQUIPMENT IS CAPABLE OF TESTING TO THE FOLLOWING STANDARDS:**

EN 527-3	Office desking
ENV 581-2	Safety of Outdoor Seating
EN 581-3	Safety of Outdoor Tables
EN 747 Part 2	Bunk Beds
EN 1725	Domestic Beds
EN 1728	Test Methods for Domestic Seating
EN 1729-2	Chairs and Tables for Educational Institutions
EN 1730	Test Methods for Domestic Tables
ENV 12520	Safety of Domestic Seating
ENV 12521	Safety of Domestic Tables
EN 13761	Office Visitor Chairs
EN 12727	Stadium Seating
EN 15372	Contract Tables
EN 15373	Seating for Contract (Public) Use
ISO 7173	Chairs
ISO 21016	Office Desking
BS 4875 Part 1	Domestic Seating
BS 4875 Part 5	Domestic Tables
BS 7376	Domestic & Contract Glass Tables
BS 8509	Junior Beds
FIRA/FRQG C002	Children's Seating
FIRA/FRQG C003	Children's Tables

**Specification:**

Load Application: 0 – 2,000N (subject to air supply)  
Dimensions: Height 1650 mm  
Width 800 mm  
Depth 1000 mm  
Power Supply: 240V Single Phase 50Hz 5 amps  
Air Supply: 80 psi

**Shipping:**

Dimensions Packed: Height 1800 mm  
Width 920 mm  
Depth 1300 mm  
Gross Weight: 278 kgs  
Nett Weight: 175 kgs

**For more information please contact Phil Reynolds on 01438 777700 or email [preynolds@fira.co.uk](mailto:preynolds@fira.co.uk)**