

Product Name :
Wood-Based Panel Testing Machine 2000W

Product Code :
CHINAELABC5200001



Description :

Wood-Based Panel Testing Machine 2000W

Technical Specification :

Wood-based panel testing machine is used in mechanical property tests for various wood-based panels, including plywood, particle board, fiberboard, OSB (oriented structural board), cement-bonded particleboard, multi-ply parquets, bamboo flooring, MDF, decorative veneered wood-based panels, resin impregnated paper overlaid wood-based panels, and laminated flooring.

This flexural testing machine is suitable for surface gluing strength, surface bonding strength, internal bonding strength, nail withdrawal force, static bending strength, elastic modulus, glue-line shear strength tests.

It is also used in 3-point flexure test and 4-point flexure tests for super long specimen less than 3000mm.

Max. test force: 100kN

Load grade: Class 0.5

Measuring range of load: 0.4%-100%

Load resolution: $1/\pm 300000$ FS (with unchanged resolution during the whole test)

Speed control range of load: 0.005%-5%FS/S

Speed control accuracy of load: If rate \geq 0.05%FS, accuracy: within $\pm 2\%$ of the set value If rate $<$ 0.05%FS, accuracy: within $\pm 1\%$ of the set value

Speed control range of deformation: 0.005%-5%FS/S

Speed control accuracy of deformation: If rate \geq 0.05%FS, accuracy: within $\pm 2\%$ of the set value If rate $<$ 0.05%FS, accuracy: within $\pm 1\%$ of the set value

Speed control range of displacement: 0.001-600mm/min

Speed control accuracy of displacement: If rate \geq 0.5mm/min, accuracy: within $\pm 1\%$ of the set value If rate $<$ 0.5mm/min, accuracy: within $\pm 0.5\%$ of the set value

Stroke of cross head: 1000mm
Span between columns: 510mm
Working voltage: 1ph, 220V, 50Hz
Power: 2000W



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