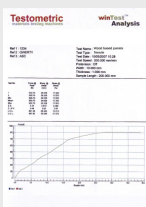
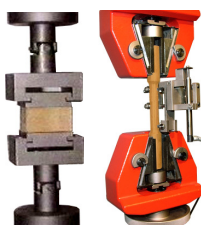




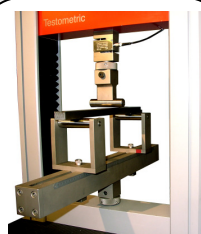
Testometric offer standard test systems for a wide range of wood based materials such as particle boards, plywood, MDF etc. They include specialised fixtures and software for tensile, flexural, surface soundness, screw/nail pull out, shear and other tests to international standards.



Tensile Testing

A wide range of fixtures is available for tensile testing of wood based panels, including manual, self tightening wedge and pneumatic for tests parallel to the surface and specialised fixtures for test perpendicular to the surface.

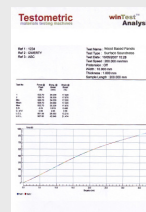
Various extensometers are available for precise elongation measurement. There is also dedicated software that has pre-configured test methods and incorporates all relevant calculations. Standard test methods include:- ASTM D1037, EN 319, 789, BS 5669-1, DIN 52365, 52377,



Flexural Testing

Specialised bend fixtures are available to meet the various international standards. They have variable spans to accommodate the requirements of the thickness factors with support and loading bars to specific standards.

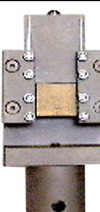
Software comes with dedicated test methods for wood based products. They include all relevant calculations including modulus of rupture, bending, stiffness, energy, stress at LOP etc. Standard test methods include:- EN ISO 310, BS 1142, 5660, ASTM 1037, EN 789, DIN 52362



Screw/Nail Pull Out

Various fixtures are available for direct withdrawal, head pull through, lateral resistance of screws and nails used with wood based products.

Software includes pre-configured test methods to international standards including:- EN 320, 5669, ASTM D 1037, EN 320, BS 1142, 5669,

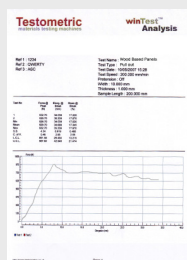


Shear Testing

Specialised fixtures are available for shear tests of wood based products, including in-plane shear, glue line shear, interlaminar shear, edgewise shear and compression shear.

The software includes pre-defined test methods that include all relevant calculations.

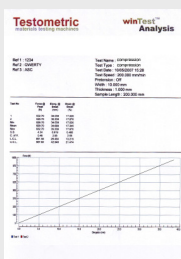
Standards include:- ASTM D 1037, EN 314-1, BS EN 392,



Surface Soundness Testing

Special fixtures are available for testing surface soundness of particle board, MDF etc.

Standards include:-
EN 311



Hardness Testing

Specialised fixtures are available for hardness testing of wood based products using the Janka method.

Dedicated test systems are included in the software with relevant calculations such as hardness value and hardness modulus.
Standards include:- ASTM D 1037



Compression Testing

Various sizes are available for conducting compression tests on wood based products.

Software includes pre defined test methods with relevant calculations.
Standards include:-ASTM D 1037



Software

Testometric's comprehensive WinTest software comes with an extensive range of pre-defined test methods for wood based panel testing including all methods stated above.



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