



• PB • OSB • MDF • PALLET BLOCKS



BOARD PROPERTY TESTER

IB700

TO CARRY OUT LABORATORY TESTS FOR BOARD QUALITY CONTROL

The IB700 laboratory testing machine has been designed to test the quality and mechanical characteristics of wood-based panels (particleboard, MDF, OSB) and to then process the results obtained.

The IB700 combines simplicity of use with safe and reliable operation thanks to a microprocessor which controls the data measurement process and file management. It comes complete with a set of accessories to conduct all the tests in full compliance with today's standards (European standards, North American standards and others upon request).

TESTS PERFORMED IN COMPLIANCE WITH EN EUROPEAN STANDARDS

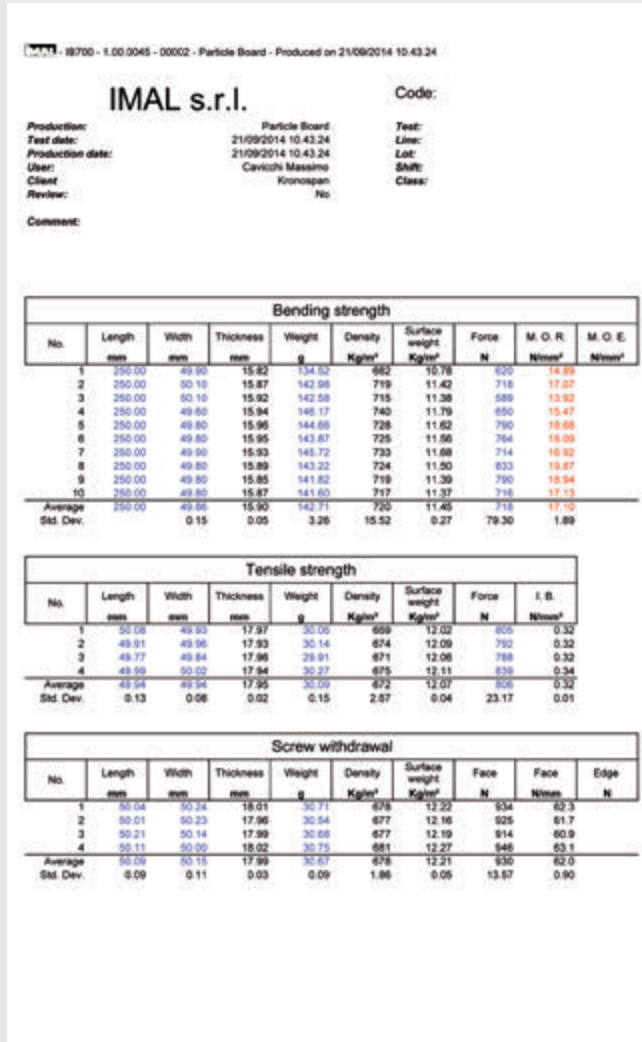
• Dimensions (EN 325) • Density (EN 323) • Tensile strength (EN319) • Surface soundness (EN311) • Screw holding (EN320) • Bending strength and modulus. of elasticity (EN310).

OTHER TESTS FOR WHICH IT IS POSSIBLE TO COLLECT AND STORE DATA IN THE IB700 DATABASE, IN CONJUNCTION WITH OTHER EQUIPMENT:

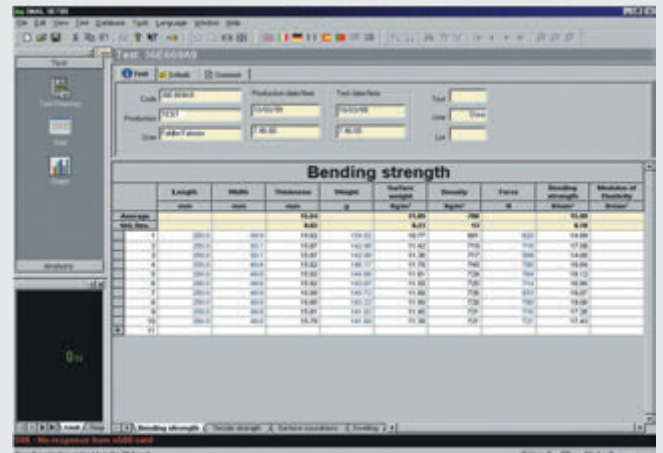
• Swelling and absorption (EN317) • Cyclic test in wet conditions (EN321) • Moisture content (EN322) • Boil test (EN1087) • Formaldehyde content (EN120) • Surface absorption (EN382) • Dimensional changes according to humidity (EN318) • PB, MDF and OSB moisture values • Particle / fiber screening test • Sand content • Hardness.

The operator can programme and carry out the tests which need to be done to control the quality of the board produced with simple operations. The user interface has been developed in Windows, and this allows the user to unite top level graphics with the most modern software technology for filing data and the subsequent data search. All the data are stored in an ample, compatible Access database, from where they may be exported to other applications, like Excel for example, and/or printed (in graph form and/or as a numerical report).

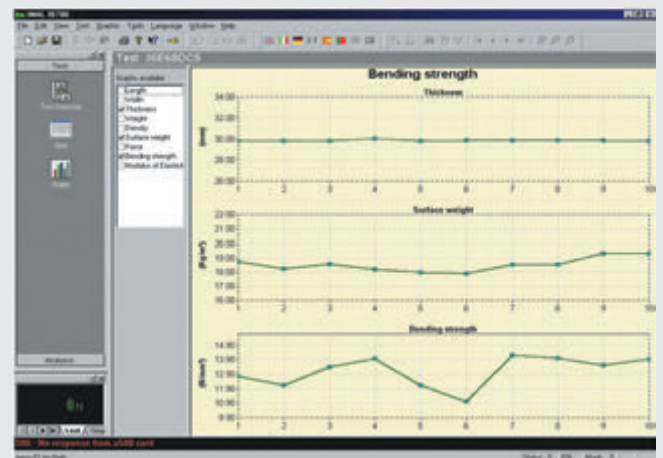
IB700 can import data from AUTOLAB and DPX.



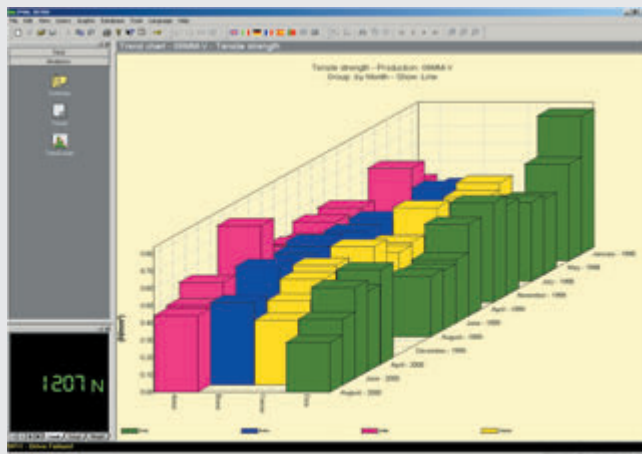
BENDING STRENGTH CHART



BENDING STRENGTH, SURFACE/WEIGHT AND THICKNESS GRAPHS



PRODUCTION TREND GRAPH



PRODUCTION TREND GRAPH

