



SAHARANPUR TESTING INSTRUMENTS PVT LTD

Manufacturer & Suppliers of All Kind of Pulp, Paper, Board, Tissue,
Packaging, Converting & General Testing Instrument for Laboratory

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Internal Plybond Tester (Scott Type)



Usage : Determines the internal bonding of paper and board .

Standardization : TAPPI 569

Device Description : Internal bond strength is the maximum load that single or multiply of paper or box board can with stand when loaded with a force applied directly at right angle to surface of the sample . Made of Heavy cast iron base with built-in leveling device pressure sensitive tape dispenser integral with base. A Stationary Anvil and separable platen which the pendulum strike at the same point for each test. A pendulum of dual capacity and free to swing on a housed and dust proof ball bearing. The range changing weights are available to select the pendulum capacity. A mechanism for holding the pendulum in raised position with a provision instantaneous release. A plexiglass peak pointer to register the maximum arc, enough which the pendulum swings when release. The scale is calibrated in thousands of a foot pound in both ranges, with a reference point for calibrating the pointer in free swing to compensate for friction during swing. The five number specimen preparation unit, which will allow for variations of specimen thicknesses, with different clamping pressures on the specimen from 50 to 200 PSI in 50 PSI increments with provided spacer rings.

Test Description: the operator clamps a prepared sample in the holder . the pendulum is released and impacts on the aluminum angle , which tears the sample internally . the angle falls on the rubber mat . the operator removes the support plate . four more tests are performed the same way . the values are measured . after finishing the tests the operator removes reminders of adhesives tapes from the angles and support plates , and cleans them ready for further sample preparations . That way , instruments and its accessories are ready for further tests.

Specifications :

Sample Size	1. x 1.inch
Measuring range	0-0.25 Ft/lb 0-1.05 Ft/lb
Clamping pressure	50 to 200 PSI with supplied spacer ring.

Delivery Content :

Consumables :

1 INCH TAPES , CELLULOSE BASED FOR STICKING THE PAPER TO THE TEST AREA

Service and Startup :