

Internal Bond Tester

RL-IBT-A

For the determination of internal bonding force of paper.

This device comes with a built-in digital display and is microprocessor controlled. The standard configuration is delivered with a medium range pendulum. All the parts are built into a sturdy steel frame. A pendulum mechanism pulls the pendulum back to starting position if the test is carried out. Push down sample holder for quick changing of the base plate with the sample and the aluminum angle.

The sample that needs testing is placed in the measuring area. By pushing the start button the pendulum is released and hits the aluminum angle, glued on the sample with double adhesive tape.

The sample is pushed away and the needed energy is measured and displayed in J/m^2 .

FEATURES

- Digital display, microprocessor controlled
- Automatic pendulum return to starting position
- Easy inserting of the sample base with quick changing mechanism
- Delaminating angle of the pendulum to the surface of the sample: 90°
- Easy insertion of the sample base with quick changing mechanism
- 5 support base and 5 aluminum angles as standard delivery
- Display of values options include:
 J/m^2 , kg/cm , $ft.lb/in^2$



SPECIFICATIONS

- RS232 Port
- Electricity: 110-230 V, 50-60 Hz AC
- Air: 87psi (600kPa)
- Instrument Dimensions (W x D x H):
600 x 300 x 550mm
(24 x 12 x 22 in)
- Packaging Dimensions (W x D x H):
750 x 450 x 700mm
(30 x 18 x 28 in)
- Net Weight: 20kg (44 lbs)
- Gross Weight: 32kg (71 lbs)

Applicable Standards:

TAPPI T569, TAPPI T833



Sample Preparation Models

RL-IBT-A4

Device w/ manual sample preparation station

RL-IBT-A2

Device w/ automatic sample preparation station

Included Items

- Instrument with sample preparation station
- 5 base plates
- 5 aluminum angles
- 1 double adhesive tape
- Medium range pendulum (1.050 J/m²)
More optional pendulums: see below

Optional

- Low weight pendulum with range of 525 J/m²
- High range pendulum with 2.100 J/m²
- Double adhesive tapes
- Set aluminum angles (set = 5 pcs)
- Set base plates (set = 5 pcs)

