Internal Bond Tester

Product code RL-IBT-A

RYCOLAB

Usage

For the determination of internal bonding force of paper.

Applicable standards

TAPPI T 569, TAPPI T 833

Device description

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.

Test description

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/m².

Specifications

- 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 selectable in J/m², kg/cm, ft.lb/in²
- RS232 Port

Connections

Electricity: 110-230 V, 50-60 Hz AC
Air: 600kPa

Internal Bond Tester

Measure Improve Service

Automatic sample preparation (left). Manual sample preparation (right).

Models

Article code	Device
RL-IBT-A4	Device with manual sample preparation station
RL-IBT-A2	Device with automatic sample preparation station

Delivery content

- Instrument with sample preparation station
- 5 base plates
- 5 aluminum angles
- 1 double adhesive tape
- Standard delivery with medium range pendulum (1.050 J/m²). More optional pendulums: see below
- Connection cable
- User manual

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)

Dimensions

	Net	Gross
Instrument		
Width	600	750
Depth	300	450
Height [mm]	550	700
Weight [kg]	20	32
Sample Preparation station		
Width	380	500
Depth	400	500
Height [mm]	350	550
Weight [kg]	30	45