



INTERNAL BOND TESTER SYSTEM FRANK

For:



Determines the internal bonding of paper and board.



MOST IMPORTANT BENEFITS

- ✓ Integrated digital display
- ✓ Easy inserting of the support plates
- ✓ Automatic pendulum return
- ✓ Magnetic pendulum holding

PRODUCT DESCRIPTION

The Internal Bond Strength Testing Device complies with state-of-the-art technology and convinces with an easy-to-use touch display, a fully automated pendulum return and the possibility of changing the various pendulums very easily.

The large touch display shows a well-structured representation of individual values and statistics (maximum, minimum and average values and standard deviations) and, in addition, is compatible with ProbeNet.

TEST DESCRIPTION

After placing the prepared test samples into the device the pendulum is released. The pendulum hits the test sample and splits the paper in the z-axis. The forces that are generated during the test are measured and can be displayed in various units. The pendulum is automatically returned to its initial position and is ready for another measurement.

The results of a measurement series are recorded in a statistics.

TECHNICAL DATA

DEVICE/INSTRUMENT

- Integrated digital display
- Five support plates and associated aluminium angles
- Easy inserting of the support plates
- Automatic pendulum return
- Display of the values in ft-lb/in², J/m² or kg/cm
- Compatible with ProbeNet (see pages 84 – 87)
- Available pendulums:
 - Low Range (525 J/m²)
 - Standard Range (1,050 J/m²)
 - High Range (2,100 J/m²)

INSTALLATION REQUIREMENTS

Electrical connection	110 – 230 V / 50 – 60 Hz
Water connection	No
Compressed air	4 – 6 bar

APPLICABLE STANDARDS

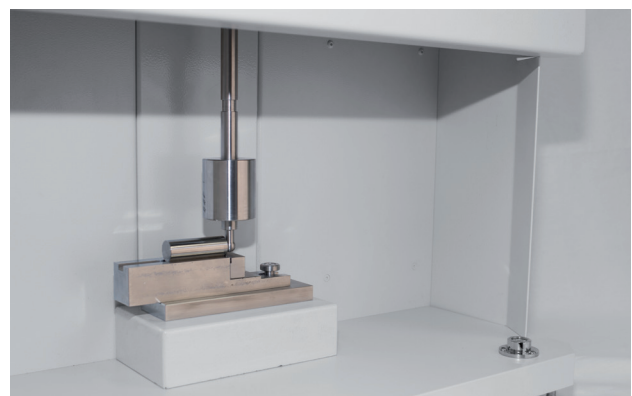
- ISO 16260
- TAPPI T569, TAPPI T833



Pendulum before striking off the angle



Integrated digital display and controls



Pendulum before striking off the angle