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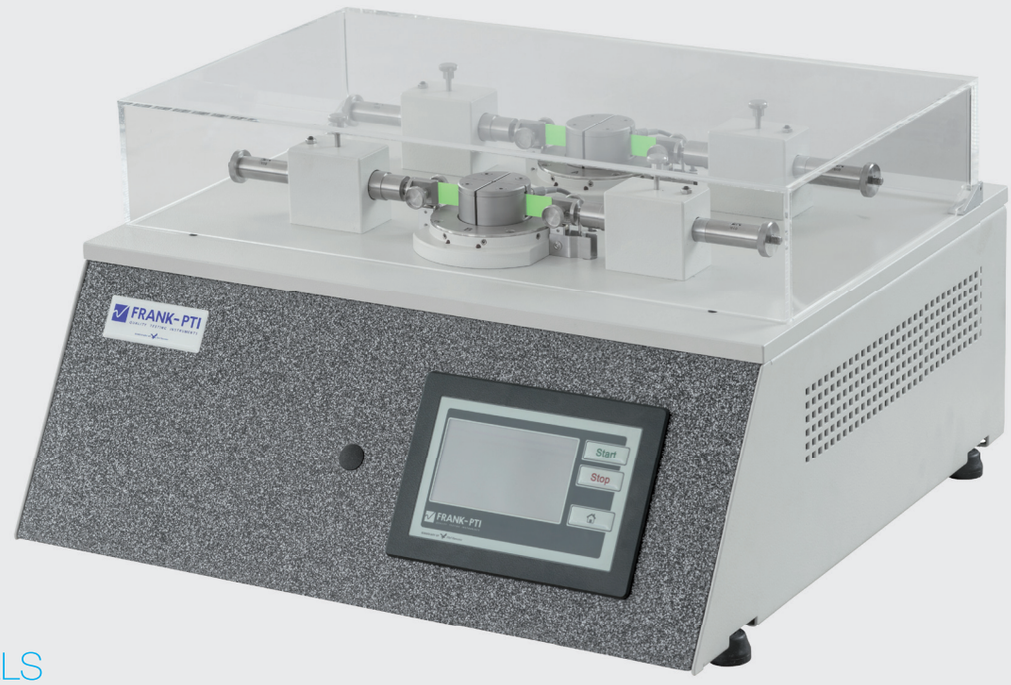
TWIN FOLDING TESTER

Determines the folding resistance of paper or board acc. to the Louis Schopper methode.

For:

✓ **PAPER**

✓ **BOARD**



MODELS

MODEL FOR PAPER

- Up to 0.25 mm sample thickness
- Testing length: 90 mm, clamping length: 110 mm

MODEL FOR BOARD

- 0.25 – 1.4 mm sample thickness
- Testing length: 130 mm, clamping length: 150 mm

✓ **ProbeNet-capable**

MOST IMPORTANT BENEFITS

- ✓ **Testing of two samples the same time due to the two folding heads**
- ✓ **Spring loaded sample carrier**
- ✓ **Speed: 120 strokes/min**
- ✓ **Automatic stop if device detects sample break**

PRODUCT DESCRIPTION

The twin folding tester consists of a robust case, on which two folding heads are attached. The sample supports, which are located to the side, are spring-loaded and are opened and closed using a quick latch. To prevent environmental influences an acrylic glass safety cover is attached above the folding tester. A digital display and start and stop buttons are located on the front of the unit.

TEST DESCRIPTION

Two samples, created with the sample strip cutter (see pages 204 and 208), are placed through the folding heads at the same time and clamped in the sample supports with a preset tensile force. Pushing the start button moves the sample swiftly between the folding rolls with a reciprocating action in a radius of 0.25mm. This folds the test strips in both directions. If one of the samples breaks, the folding operation continues on the second sample until this also breaks. Then the units stops automatically and the number of folds before breaking is shown on the digital display. Because of the quite large standard deviation, two samples are always tested simultaneously. To ensure correct test behaviour the test should be carried out under suitable climatic conditions (23 °C / 50% RH).

Folding unit with open security cover

TECHNICAL DATA

DEVICE/INSTRUMENT

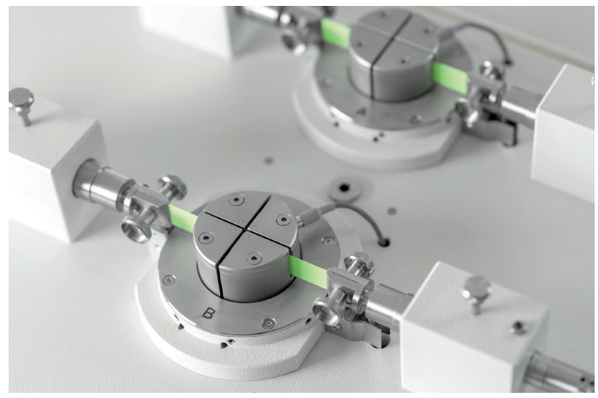
- Testing of two samples the same time due to the two folding heads
- Savety shield made of acrylic glas
- Spring-loaded sample carriers
- Spring-load preset
- Speed: 120 strokes/min
- Temperatur sensor detects increase of the temperature
- Automatic stop if device detects sample break
- Digital display with statistic functions
- Compatible with ProbeNet *(see pages 84 – 87)*

INSTALLATION REQUIREMENTS

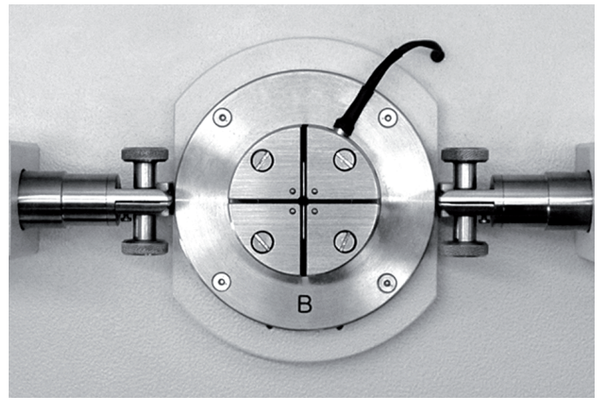
Electrical connection	110 – 230 V / 50 – 60 Hz
Water connection	No
Compressed air	No

APPLICABLE STANDARDS

- ISO 5626



The samples are clamped with spring-loaded sample carriers



Folding head with integrated temperature sensor