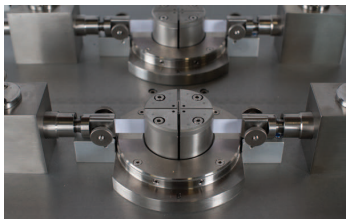
# Twin Folding Tester

RL-TFT-A


RYCOLAB

The Twin Folding Tester determines the folding resistance of paper, according to the Schopper principle. This instrument measures the number of folds until the sample breaks. During the test two samples are tested simultaneously. The machine features a touch screen displaying the temperature, the number of folds and statistical values. The heads are equipped with temperature sensors to convey the temperature inside the heads.

**Test Overview:**
Two samples are clamped in the folding heads for a simultaneous test. The spring loaded sample supports are pulled apart, so that the samples are clamped at the specified force. After pushing the start button, the folding knives begin to guide the sample around the sapphire supported folding rolls. That way the samples are folded on both sides at a radius of 0.25 mm. If one sample breaks, the folding process of the second sample continues until it also breaks. The movement of the folding heads stop after test termination, so that the samples can be removed. The device records the number of folds until the sample breaks and displays them on the touch screen.

**Applicable Standards**

ISO 5626, TAPPI T423, NF Q03-062, NFISO 5626

## FEATURES

- Paper thickness up to 0.25 mm
- Easy to use touchscreen
- Statistic analysis
- Display of each head temperature and the ambient temperature
- Spring force:
  min. 7.55 N / max. 9.81 N
- Testing length: 90 mm
- Sample length: 100 mm
- Sample width: 15 mm
- Speed: 115 ±10 strokes / min
- Stroke: 20 mm
- Electricity:
  110–230 V, 50 / 60 Hz AC
- RS-232 interface for result transfer