



SCT - SHORT SPAN COMPRESSION TESTER

For:

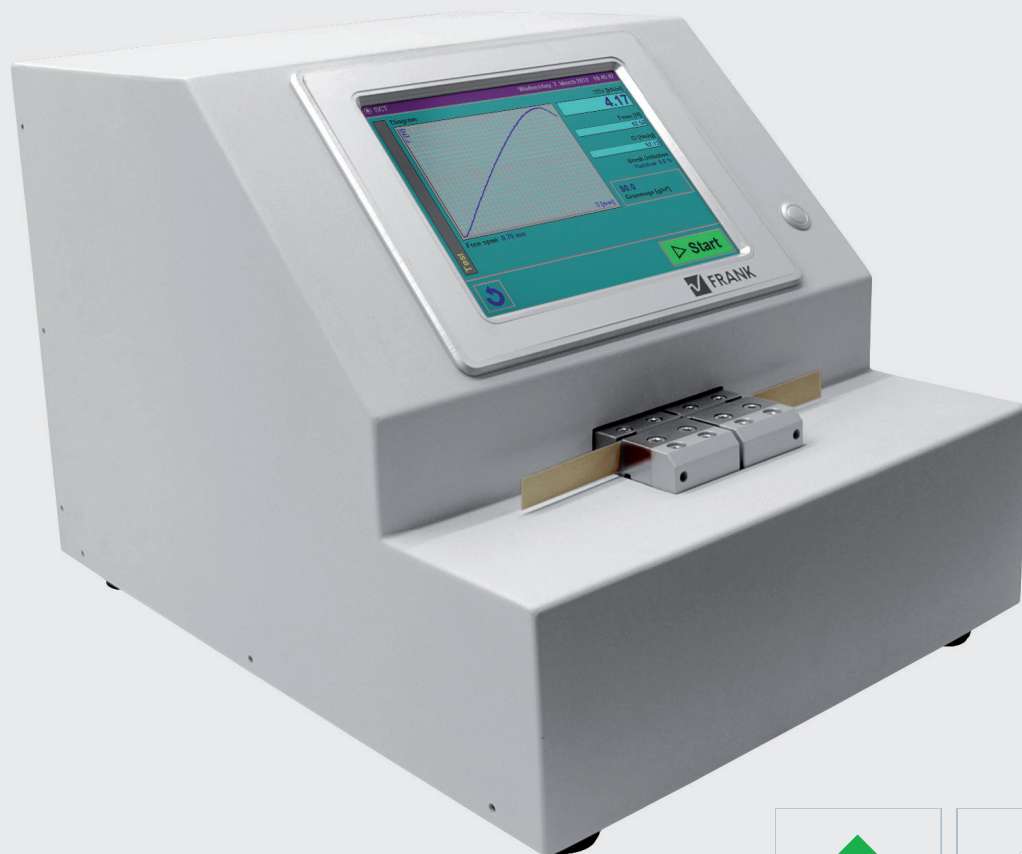


✓ PAPER



✓ BOARD

For determining the compression strength on paper and board samples.



ModularLine-
version available



✓ ProNet-
capable

MOST IMPORTANT BENEFITS

- ✓ Easy operation via the integrated touch screen
- ✓ Clamp pressure and distance adjustable
- ✓ Pneumatic clamping of the sample
- ✓ Automatic ratio calculation

PRODUCT DESCRIPTION

The short span compression tester has been developed specially for the paper industry, and has exceptional ease of use and high measurement accuracy. Its open design allows samples to be easily placed in the test jaws. To allow measurement of thick as well as thin materials, the gap between the clamp jaws can be set, via the software, between 0.3 and 0.7 mm. The device is operated via an integrated touch screen, which is used to select test methods, and displays values and curves. The separate start button located on the device can be used to prevent wear to the touch screen. The test device is equipped with the FRANK-PTI standard connections (see page 12).

TEST DESCRIPTION

The sample, prepared with the sample punch (see page 207), is placed in the sample holder and the start button is pushed. The sample is pneumatically clamped and the test jaws move towards each other at the preset speed, whereby the sample is compressed. The resistance exhibited by the material is measured and displayed on the touch screen, numerically and as a real-time curve. If more than one run, in MD and CD, is carried out, these can be compared statistically and the ratios displayed.

TECHNICAL DATA

DEVICE/INSTRUMENT

- Easy operation via the integrated touch screen
- Clamping pressure and distance infinitely variable between 0.7 and 0.3 mm
- Pneumatic clamping of the sample
- Test speed adjustable
- Automatic ratio calculation
- FRANK-PTI standard-ports (see page 6)
- Compatible with ProbeNet (see pages 84 – 87)
- Available as ModularLine unit

INSTALLATION REQUIREMENTS

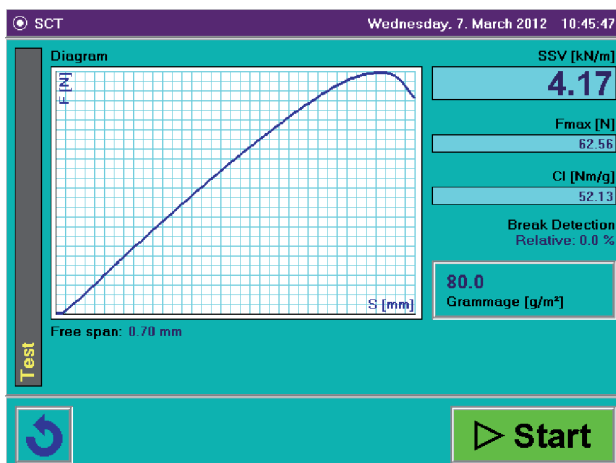
Electrical connection	100 – 230 V / 50 – 60 Hz
Water connection	No
Compressed air	4 – 6 bar

APPLICABLE STANDARDS

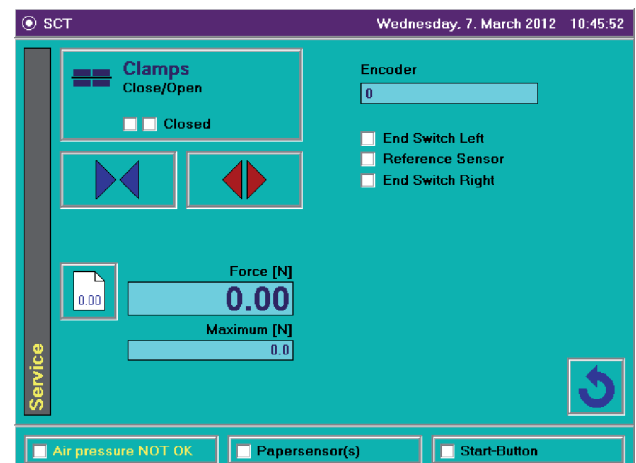
- DIN 54518
- TAPPI T826



Open design allows samples to be easily placed



Display of values and in real-time curves



Service interface