

Stand Alone



S-Tester

For determining the compression strength of medium wave samples.

Alternative for the CMT measurement.

For:



✓ PAPER



✓ BOARD



MOST IMPORTANT BENEFITS:

- ✓ Easy operation via integrated touch screen
- ✓ Clamp pressure and distance adjustable
- ✓ Pneumatic clamping of the sample
- ✓ Test results within seconds

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

SUBSIDIARY OF  Eiffel Messen

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PRODUCT DESCRIPTION

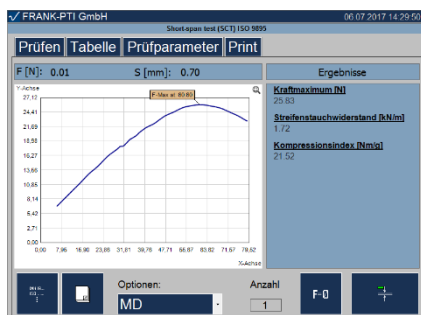
The short span compression tester has been developed specially for the paper industry and has exceptional ease of use and high measurement accuracy. Its open design allows samples to be easily placed in the test jaws. To allow measurement of thick as well as thin materials, the gap between the clamp 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.

TEST DESCRIPTION

The sample, prepared with the sample punch, 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.



Open design allows samples to be easily placed



Display of values and in real-time curves

TECHNICAL DATA

DEVICE / INSTRUMENT

- easier and faster method for strength classification on medium waves
- no time-consuming sample preparation, corrugating and taping of test pieces
- test results within seconds
- 500N load cell for measurements up to 33,33kN/m
- ease of use due to:
 - a big touchscreen
 - intuitive FRANK-PTI user interface
 - better control of measurements due to separated start and stop buttons

APPLICABLE STANDARDS

DIN 5014

MEASUREMENT

Units:	kN/m
Measuring range:	up to 33,3kN/m
Measuring accuracy:	±0,15N / 0,01kN/m
Statistics:	min. max. stand.dev. var.coef.

SYSTEM

Force:	max. 300N
Free span:	4mm
Offset:	1mm
Sample:	width: 15mm

CONNECTIONS

Power:	230V/50-60Hz
Power consumption:	<50W
Water:	no
Compressed air:	600kPa (6bar) 6mm

DATA

RS232:	Data output
Ethernet :	Data output / MQTT
USB:	Updates / service

DIMENSIONS

B x W x H:	34x44x32 cm
net weight:	34kg

ARTICLE

S185200000 S-Tester

Recommended accessories:

- S403100015 Sample punch 'Punch a. Die' 300x15 mm
- S000000136 Extension Modul USB Printer (for Post script and PCL printers) for printing results directly from the device
- S406900001 ProbeNet software with one device license