Stand Alone

Burst Tester

For the determination of burst strength on paper and board

For:

✓ **PAPER**

✓ **BOARD**

ModularLine Version available

✓ **ProbeNet-kompatibel**

MOST IMPORTANT BENEFITS:

✓ **Easy operation via the inbuild touch screen**

✓ **Pneumatic sample clamping**

✓ **Contact pressure adjustable**

✓ **Safety cover around the measuring area**

FRANK-PTI
QUALITY TESTING INSTRUMENTS
SUBSIDIARY OF Elof Hansson

M.C. TEC

Sales and service benelux

M.C. TEC
Distributiestraat 73
4283JN Giessen, Netherlands
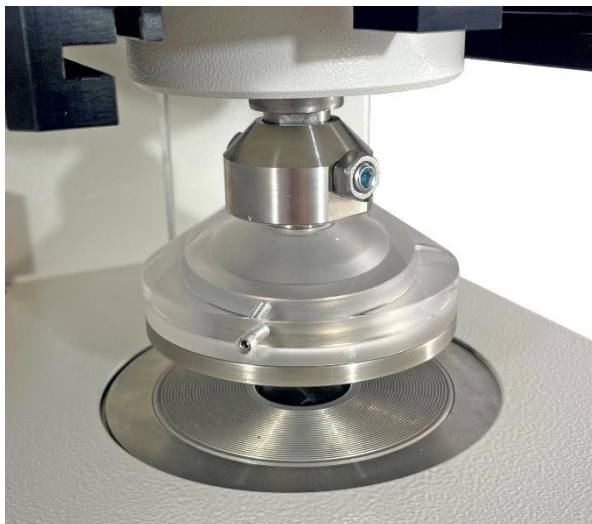Phone: +31 0183 445050
www.mctec.nl | info@mctec.nl

PRODUCT DESCRIPTION

The specially developed housing, which comes as standard with user-friendly touch screen and the FRANK-PTI connections, offers an exceptional basis for the high precision measurement technology of the burst pressure tester. This consists of a clamping bell and membrane as well as high precision pressure and force sensors.
The separate start button on the device can be used to prevent the touchscreen from wearing out.

TEST DESCRIPTION

The sample to be tested is placed in the measuring area. After pressing the start button, the clamping bell lowers and fixes the sample. Glycerine underneath the membrane is compressed and the membrane is thus pressed continuously against the sample. The sample bulges, and loses cohesion, until it eventually breaks. Then the clamping bell returns to initial position. The results are shown on the display If more than one test is carried out, the results can be compared in the statistics and outliners can be taken out of the evaluation. In the statistics view you can see min. and max. values as well as the standard deviation.

Measuring area of the burst tester with safety protection cover

TECHNICAL DATA

DEVICE/INSTRUMENT

- pneumatic sample clamping
- safety protectionaround the clamping bell
- compatible with ProbeNet
- modularLine version available
- motor driven hydraulics
- simple operation via touch screen
- protection class 2 / IP44

APPLICABLE STANDARD

DIN EN ISO 2758 (Paper device version)
TAPPI T403 (Paper device version)
DIN EN ISO 2759 (Board device version)
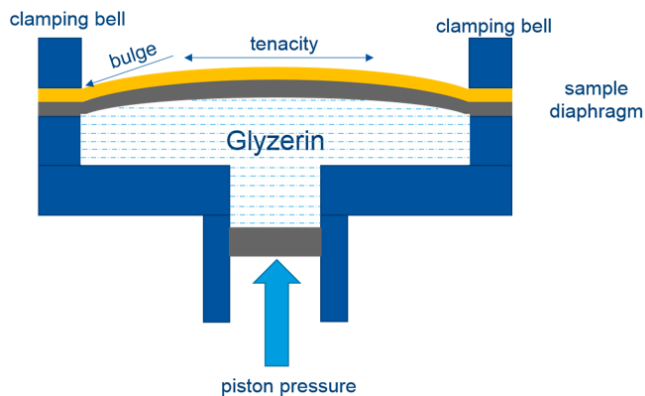TAPPI T807 /T810 (Board device version)
*more on request

MEASUREMENT

Measuring range:	
Paper	50 - 2.000 kpa
Board	250 - 10.000 kpa
Clamping pressure:	adjustable
Paper	600 - 2.000 kpa
Board	300 - 2.250 kpa
Samples:	
Paper	Thickness 3mm max
Board	Thickness 9mm max
Display:	Burst pressure [kpa]
	Berstindex [kpa/gr]
Statistics:	Min / Max / Mittel / SA
Measuring accuracy:	Acc. DIN EN ISO 2758,2759

Connections

Power	110-230V / 50-60Hz
Demand:	<80W
Water:	-
Compressed air:	4-6 bar
	connector for hose 6mm

DATA

RS232:	Data output
USB:	Updates
Ethernet:	Data output (MQTT)

Article No. S18534

Messbereich mit Taster und Auflage

Bedienfeld mit separatem Start- und Stoptaster für
einfache Bedienung.

DIMENSION

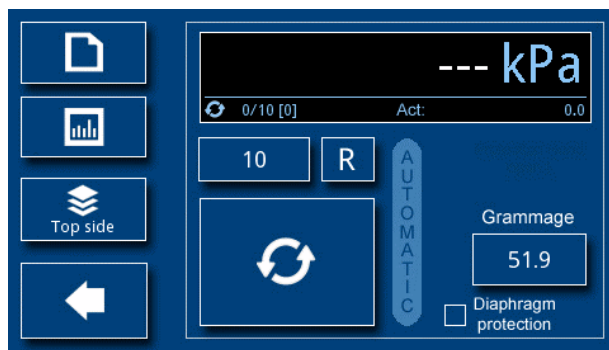|	
Version short	**L x H x W**
S185340002/3	600 x 520 x 220 mm
Weight:	Net
S185340002/3	45kg

ARTICLE / MODELS

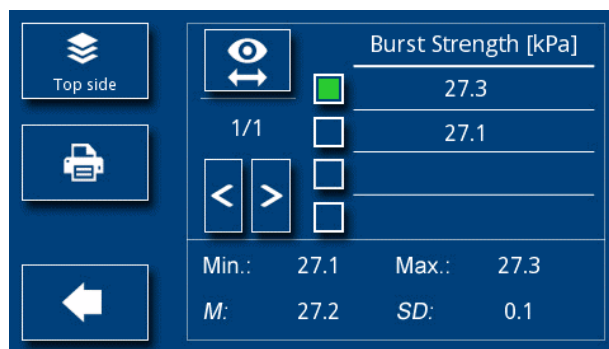|	
S185340002	Burst Tester Paper Bottom side
S185340003	Burst Tester Board Bottom side
S630000001	ModularLine Burst Tester Paper Bottom side
S630000002	ModularLine Burst Tester Paper Top side
S630000003	ModularLine Burst Tester Board Bottom side
S630000004	ModularLine Burst Tester Board Top side

* more models on request

Available Accessories

S185341001	Glycerin 250ml
S185341007	Membrane Paper
S185341010	Membrane Board