

# Burst Tester

## MODEL 13-6X



### Short test with strong results

The Burst Tester is used as a multi-directional test to identify failure in the direction showing least resistance. This test shows the physical strength and fiber bond. Different models are available for paper, board or textile. This instrument is also used for other applications such as plastic, rubber, aluminum and felts. The sample is pneumatically clamped, the rubber membrane is pushed upwards by hydraulics. The force at fracture is recorded.

### Test results

The burst tester records the results in different units such as kPa and PSI. The rubber membrane complies to various standards. The force that is required to blow the membrane can easily be compensated. This gives you a more accurate result showing only the sample force.

### Features

- Compensation of membrane force
- Starting test with one button
- Changing settings all in one screen
- Hydraulic testing increases accuracy
- Shield to enables safe operation
- When the shield is not used two hand operation
- Accuracy 1% of value

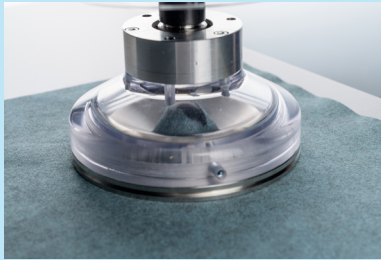
### International Standards

- ASTM standard D-774, 3786,
- ISO 2758, 2759, 1328-2:1999, 2960
- BS 4768

**Is your required standard not here? Ask us**

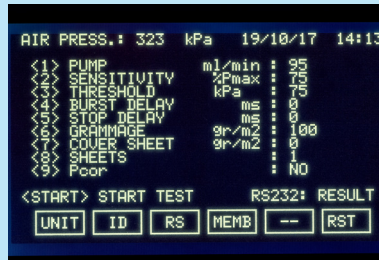


**Taking care  
of quality**



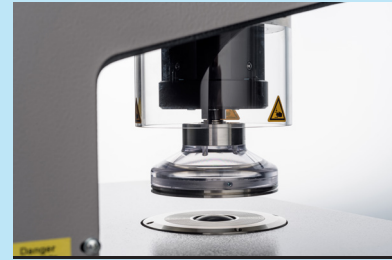
### Pneumatic sample clamp

The sample is tightened by the pneumatic clamp. The clamp has a tightening profile disabling slippage, even for smooth materials.



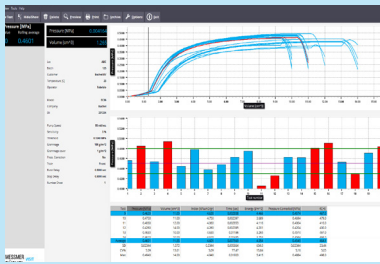
### Hydraulic pressure

The oil pressure needs to increase in a linear and constant manner. This is ensured by the flowmeter and optical encoder.



### Membrane compensation

The force of the membrane influences the final result. In order to measure the sample strength only, the membrane influence can be compensated.



### GraphMaster Pro

The GraphMaster Pro is compatible with every Messmer Büchel instrument. With the regards to the Burst Tester, it shows the force in a curve and the energy.



### Three versions

The Burst Tester is available in three versions: paper, board and textile. All require a different pressure and membrane size to comply to the international standards.



### Safety

The safety is guaranteed by set procedures: either the test starts after closing the safety hood or after simultaneously pressing two buttons.

### Specifications

13-60 EC35	Paper and Foils 2,000kPa 731 mm <sup>2</sup>
13-61 EC36	Paper Board and Corrugated 5,000kPa 770 mm <sup>2</sup>
13-62 EC37	Textiles 7,000 kPa/1000 mm <sup>2</sup>
Accuracy	+/- 1% of reading
Sample height	max. 20mm
	Safety hood standard delivered

### Installation requirements

Electrical	110 V/60 Hz or 220V/50 Hz
Air	6 kPa

### Output

RS 232

### Optional/ accessories

GraphMaster Pro Software  
Oil (one bottle delivered with the instrument)