

TruBurst⁴

Pneumatic bursting strength tester



Unprecedented functionality enables an extensive variety of bursting strength and fatigue tests to be performed.

Our intuitive TestWise software is available for TruBurst in two options.



TestWise Lite is supplied as standard and allows test results to be saved to a PC and printed.

TestWise Pro has advanced features enabling a large variety of tests to be carried out including cyclic, rapid fatigue and extension and recovery.

This software allows the creation of user-defined tests to enable complex exercise, recovery and fatigue test to be set-up.

TestWise Pro will undoubtedly be of interest to laboratories who wish to offer a wider range of tests and to those involved in product Research & Development.



Areas of Application

TruBurst can measure the bursting strength, distension at burst and the stretch and recovery characteristics of a variety of materials.

Textiles	Knitted and woven apparel Technical textiles	Plastics	Food packaging, bin liners, sacks and various plastic products
Nonwovens	Wet wipes, surgical gowns/masks	Medical	Organ patches, hernia patches, wound dressings, animal skin, artificial skin, blister packs and mosquito nets
Paper	Kitchen paper Toilet tissue Other paper products		

Designed With You In Mind

- **Automatic Flow Control:** Substantial time-savings with increased accuracy, consistency and reliability.
- **Non-contact Laser Distension Measurement:** precision accuracy, excellent repeatability of results.
- **Automatic diaphragm correction:** improves precision.
- **Tool-free Dome Change:** accelerates testing and minimise downtime.
- **Automatic Burst Detect and Time to Burst:** increases control
- **Pneumatic:** clean, efficient and safe.
- **Automatic Recognition of Test Dome:** accelerates testing and reduces downtime.
- **Lifting Safety Guard:** slide up to provide easy access and better utilization of bench space.
- **M&S Approved:** TruBurst is approved by Marks and Spencer.
- **Illuminated Viewing Area:** easily view tests in progress

Standards

TruBurst complies with all of the relevant standards and retailer's test methods.

adidas	ASTM	Edana	ISO
adidas 4.09	ASTM D3786	Edana 80.3	ISO 13938-2, ISO 2758
M&S	Next	The Woolmark Company	WSP
M&S P27	Next TM22	Woolmark TM 29	WSP 30.2

Technical Specifications					
Pressure Range					
	kPa	psi	kg/cm ²	bar	kN/m ²
Upper Pressure Limit	1000	145	10.20	10	1000
Resolution	0.2	0.04	0.002	0.002	0.2
Distension Range					
	mm	cm	inches		
Minimum	0.1	0.01	0.001		
Maximum	70.0	7.00	2.756		
Resolution	0.1	0.01	0.001		

