

# TruBurst<sup>4</sup>

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.

<b>Textiles</b>	Knitted and woven apparel Technical textiles	<b>Plastics</b>	Food packaging, bin liners, sacks and various plastic products
<b>Nonwovens</b>	Wet wipes, surgical gowns/masks	<b>Medical</b>	Organ patches, hernia patches, wound dressings, animal skin, artificial skin, blister packs and mosquito nets
<b>Paper</b>	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 <sup>2</sup>	bar	kN/m <sup>2</sup>
<b>Upper Pressure Limit</b>	1000	145	10.20	10	1000
<b>Resolution</b>	0.2	0.04	0.002	0.002	0.2
Distension Range	mm	cm	inches		
<b>Minimum</b>	0.1	0.01	0.001		
<b>Maximum</b>	70.0	7.00	2.756		
<b>Resolution</b>	0.1	0.01	0.001		



Test in progress