

Pneumatic Burst Strength Tester

This pneumatic fixture is designed for ball burst strength and expansion testing. It is suitable for steel fabrics, elastic fabrics, knitted fabrics, hosiery, and glove products.



Overview

Precision Pneumatic Burst Strength Testing

This pneumatic burst strength tester is engineered for accurate material analysis, specifically designed for steel fabrics, elastic fabrics, knitted fabrics, hosiery, and glove products. Utilizing a constant speed elongation (CRE) principle with computer-controlled operations, it ensures consistent and repeatable results. The pneumatic clamping system offers superior efficiency and accuracy compared to manual methods, making it an ideal solution for rigorous quality control environments.

Technical Specifications

Force Range	2500 N
Load Accuracy	$d \pm 0.02\%F \cdot S$
Test Speed	0.1-500 mm/min
Maximum Ball Stroke	300 mm
Power Supply	AC 220V 50Hz 0.6KW
Dimensions	530 × 510 × 1250 mm
Weight	120 kg

Configuration Options

Fixture Diameter

- 45mm (Standard)
- 25mm (Optional)

Ball Head Diameter

- 38mm (Standard)
- 25mm (Optional)
- 20mm (Optional)

Compliance & Standards

Supported Standards	FZ/T01030-93, GB/T19976, FZ/T60019-1994, EN12332-1, GB/T8878, ASTM D3787, ASTM D6797
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