

YG032G Digital Bursting Strength Tester



MODEL NO.

YG032G

Application:

Digital Bursting Strength Tester. For determining the bursting strength of woven or knitted fabrics, non-woven, paper, leather and board by application of a hydraulic load under a rubber diaphragm of a specific area. Provide with a digital readout of pressure with peak value hold facility, renewable rubber diaphragms, and manual clamping device with acrylic bell, forward reverse and neutral drive system. Provide accurate elongation information of fabrics, up to 0.1mm

Related standards:



STANDARS	ISO 13938.1 ASTM D3786	JIS L1018.6.17
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Features:

- Using large touch screen;
- Two kinds of operating language options, Chinese and English;
- Specimen gripping surface is special dentiform surface;
- Specimen clamping force and burst strength in the same axis; uniform clamping force adjustable; can be applied to a variety of materials, all-round clip;
- Test area can change, adapt to different requirements of the standards;
- Abundant expression of test results such as: burst strength, diaphragm pressure, burst height ,burst time; quality control personnel to facilitate a comprehensive understanding of the specimen burst performance;
- With printer interface;
- Instrument surface adopt special aluminum material, texture light, smooth, never rust.

Key Specification:

- Test area 50cm² (Φ79.8mm ±0.2mm)
7.3cm² (Φ30.5mm ±0.2mm)
- Pressure speed 8cm³/min~500 cm³/min ±10% (adjustable)
- Bursting strength range 0~6.000MPa
- Resolution 0.002MPa
- Accuracy ≤ ±2%
- Displacement sensor range 0.1~70mm
- Accuracy ±0.1mm
- Hydraulic oil glycerol (glycerin), concentration: 85%
- Power supply Ac220V,50Hz,1700W
- Dimension 630×440×675mm (L×W×H)
- Weight 150kg

Standard configuration:

No.	Item	Quantity
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1	Main machine	1set
2	Diaphragm	5pcs

Optional accessories:

No.	Item	Quantity
1	Air compressor	
2	Computer	
3	Printer	