

Hydraulic Bursting Strength Tester Model: ADL-HBT25

Scope of Application

It is used to measure the performance of expansion force and expansion degree when all kinds of textiles, non-woven fabrics, leather and other materials are subjected to force in warp, weft and all directions at the same time. (Hydraulic elastic diaphragm method)

Technical Features

- HD color touch screen operation interface
- Can be operated by stand-alone or connected to a computer
- Test platen and collection tray, made of corrosion-resistant materials
- Test protective cover, using imported high light transmittance POM material
- 32-bit processor; 24-bit high-speed analog-to-digital conversion chip
- Laser displacement sensor to test displacement change
- Waste liquid collection device to prevent instrument leakage and pollution
- Instrument overload protection function
- Convenient and fast printing function



Technical Parameter

- Measuring range: 0.001~2 Mpa (YG(B) 032EC-2); 0.01~10Mpa (YG(B) 032EC-10)
- Size of elastic diaphragm: outer diameter $\phi 80$, $\phi 140$ mm; thickness ≤ 2 mm
- Test area: 7.3cm² ($\phi 30.5 \pm 0.05$ mm) and 50cm² ($\phi 79.8 \pm 0.05$ mm)
(It also can be customized 10 cm² and 100 cm² area)
- Maximum expansion: 70 \pm 0.5mm
- Pressurization rate: (100 -500) ml/min digital setting
- Hydraulic fluid: 85% glycerin (glycerol) or other fluids that do not corrode the diaphragm
- Working air source ≥ 0.5 MPa
- Output form: print, display, online communication
- Power and power: AC220V \pm 10% 50Hz
- Dimensions: 690mm \times 570mm \times 950mm (L \times W \times H)
- Weight: about 220 kg

Standards

GB/T7742.1, FZ/T60019, ISO2960, ISO13938.1-04, ASTM D3786, JIS1018.6.17 etc.

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Hydraulic Bursting Strength Tester

Model: ADL-HBT25

Standard Accessories

Name and specification	Qty.	Note
Main machine	1	
Power cable	1	
Specimen clamp	2	50 cm ² , 7.3 cm ²
Elastic diaphragm	4	φ140mm
Wrench	1	
Glycerin	5	
Air compressor	1	φ8mm Air tube
Fuse	2	5A
Software	1	
USB connecting line	1	
Bottom feet	4	

**Technical Data Subject to change without notice.*

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Our Products

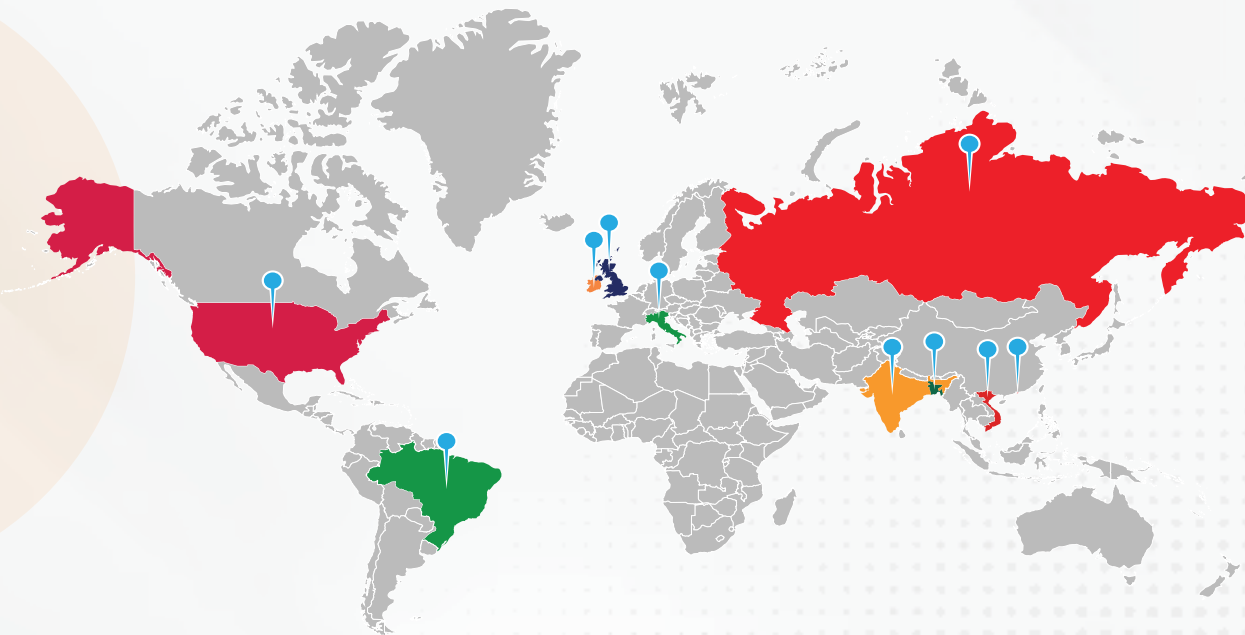
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