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Dongguan Hust Tony Instruments Co.,Ltd

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Bursting Strength Tester HTZ-008-Direct Manufacturer



Product Introduction

It is used for the performance determination of tension resistance and expansion of various textiles, knitted fabrics, paper, nonwovens, leather and other materials when the warp and weft and all directions are stressed at the same time (elastic diaphragm method).

Technical Specifications

Model	HTZ-008	HTZ-008A
Max Range	2.00MPa	10.00MPa
Min Reading	0.1kPa	0.1kPa
Sample holder inner diameter (Test area)	50cm ² (φ79.8mm) and 7.3cm ² (φ30.5mm)	
Elastic Membrane (diaphragm)Size	ODφ130mm, thickness: ≤2mm	
Max Distension	75mm±0.02mm	
Pressure Rate	50～500mL/min	
Test Methods	Constant speed burst, constant pressure, constant expansion ,Timing burst	
Pressure Unit	kPa、 kg/cm ² 、 bar、 lb/in ² switch freely	
Machine Dimension	550mm×450mm×700mm (L×W×H)	
Output	Printout、 display output	
Power	Ac220V /50Hz ,200W	
Gross Weight	125Kg	

Application

Plastics:Food packaging, bin liners, sacks and various plastic products

Medical:Organ patches, hernia patches, wound dressings, animal skin

Paper:Kitchen paper, Toilet tissue, Other paper products

Nonwovens:Wet wipes, surgical gowns/masks

Textiles:Knitted and woven apparel, Technical textile

Features

- 1.It adopts hydraulic method and meets national standards
- 2.Touch screen control, simple and easy to understand, simple and intuitive operation, sensitive touch,Chinese and English operation interface
- 3.Pneumatic clamping, uniform clamping, avoid specimen slippage or damage, easy to use
- 4.The test clamp is made of high-transparency acrylic material, and the magnet is attracted and installed, which is easy to replace and disassemble
- 5.Built-in LED lighting allows all-round observation of the specimen testing process
- 6Automatic induction blasting system, sensitive and reliable, the instrument has overrange, over-expansion protection function
- 7.Exterior plexiglass cover prevents pinching and makes use safer
- 8.Using high-precision pressure and displacement sensor measurement, AC servo drive system, high instrument accuracy, low operating noise
- 9.It adopts high-speed AD sampling and 32-bit ARM processor, with high sampling frequency and high test accuracy
- 10.There are four kinds of test methods: constant speed bursting, constant pressure, fixed expansion and timed bursting
- 11.The instrument comes with a thermal printer that can directly print the report, and the professional computer analysis software can achieve two-way operation with the computer (obtain the national software copyright registration certificate)

Standards:

GB/T 7742 , ISO 13938.1 , FZ/T 60019 ,FZ/T 01030, ASTM D3786 ,BS 4768
WOOLMARK TM 29 WSP 30.1,JIS L 1018.6.17

Features

- 1.Intelligent interface to guide the user.
- 2.Flexible system maximizes throughput and minimizes downtime.
- 3.Interchangeable impellers for different global standards.
- 4.Stable propeller and rotation speed.

Standards

ASTM D3512, DIN 53867, JIS L1076