

QC-116D Automated Mullen Burst Tester

Standard

ISO-2759, GB/T 6545, JIS-P8112, JIS-L1018, JIS-L1096, ASTM D3786, TAPPI-T403, TAPPI-T810, TAPPI-T807

Description

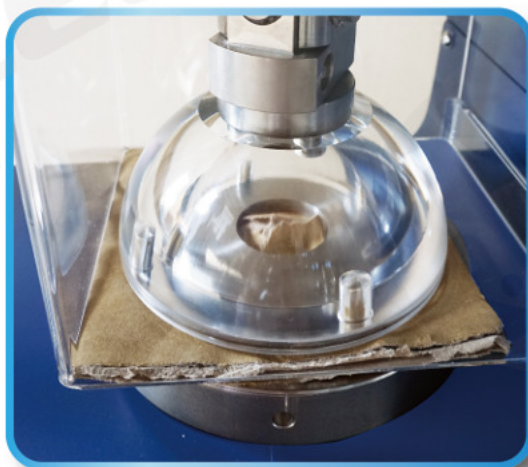
The main function of this machine is to test the burst strength of materials such as base paper, corrugated paper, leather, fabrics, synthetic leather, etc. It is an automatic type capable of automatic clamping, automatic compensation calculation, and automatic judgment for shutdown at the breakpoint. It also features a mechanism that can automatically detect rubber diaphragm pressure when there is no sample, greatly reducing the risk of rubber diaphragm rupture due to improper manual operation. The machine complies with standards and can automatically calibrate the rubber diaphragm based on hydraulic conditions, eliminating the need for periodic use of aluminum foil for calibration. This ensures more timely and accurate presentation of pressure data while reducing the cost of aluminum foil as consumables.



Specification

Type	High Pressure	Low Pressure	Textile
Machine Speed	20 - 200ml/min		
Pressure Display	Digital Display		
Unit	Bar 、 MPa 、 kPa 、 PSI 、 mmAq 、 mmHg 、 Kg/cm ²		
Capacity(kg/cm ²)	75kg/cm ²		
Compensation value	Automatic Calculation		
Test Speed	170±15ml	95±5ml	98±4ml
Platen Diameter	Upper	31.5±0.05mm	30.5±0.05mm
	Lower	31.5±0.05mm	33.1±0.05mm
Dimension (W)x(D)x(H)	43 x 57 x 68 cm		
Weight (around)	85 Kg		
Power Supply	Single Phase 110 - 240VAC · 5A		

Features



- Equipped with a transparent safety cover, enabling monitoring of break conditions during testing.



- Test initiation via dual-hand buttons to prevent injury.



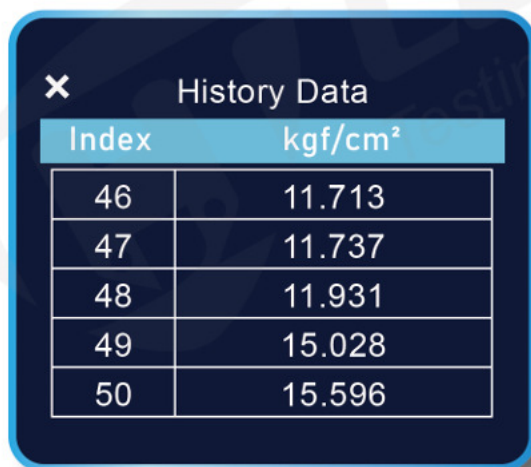
- The compensation value can be accessed directly to obtain outcomes, eliminating the need for additional calculations and significantly reducing human error.



- Allowing inspection of air ingress into the pressurized chamber and activating the automatic air exhaust function



Features



History Data

Index	kgf/cm ²
46	11.713
47	11.737
48	11.931
49	15.028
50	15.596

- The machine can store up to 50 results.



- Data can be accessed via a computer or through WiFi connectivity on a mobile phone

Rubber diaphragm



Low pressure

Pressure : 0 - 10 kgf/cm²



High pressure

Pressure : 6 - 75 kgf/cm²

