BST-01 BURST STRENGH TESTER

BST-01 BURST STRENGH TESTER is the basic instrument to test the strength performance of paper and paperboard.

It is a kind of international universal Mullen instrument.

This instrument is easy to operate, have reliable performance, and advanced technology. It is an ideal testing equipment for scientific research units, paper mills, packaging industry, quality inspection department.



PRODUCT FEATURES

1. Computer control systerm, open architecture, highly automatic program, to ensure the high accuracy, and convenience to operate.
2. Automatic measurement, Intelligent calculating functions.
3. Equipped with micro-printer, convenient to get the test result.
4. Mechatronics modern design concept, hydraulic system, compact structure, nice appearance, easy maintenance.
5. Self-developed software, having automatical measure, statistics, print test results, data save function.

PRODUCT APPLICATION

It is applicable in all kinds of cardbard or single and multilayer corrugated cardboard, it is also used in silk, cotton, non-paper material burst strength test.

TECHNICAL STANDARDS

ISO2759	《paperboard-determination of bursting strength》
QB/T1057	《paper and paperboard bursting tester》
GB1539	《paperboard –determination of bursting tester》
GB/T 6545	《corrugated board-determination of bursting strength》

GB/T 454 《paper-determination of bursting strength》

TECHNICAL PARAMETER

Item	Parameter
Measuring range	10～6000Kpa
Pressure between platen	>690 Kpa
Transmit hydraulic volume	170±15ml/ min
Diaphragm resistance	Protruding 10mm, 170-220 Kpa; protruding 18mm, 250-350 Kpa
Accuracy	1grade (resolution: 0.1 Kpa)
Value accuracy	±0.5%F.S
Hydraulic system leak	in the measurement of upper limit value, 1min pressure drop <10%Pmax
Sample clip ring size	Upper and lower clamp ring aperture ϕ31.5±0.05mm
Motor power	90W
Power	220V±10% 50Hz
Dimension	530mm×360mm×550mm
Weight	75kg

MAIN FIXTURES

Mainframe, two spanners, one silicon oil, 4 rolls of printer paper, certificate of quality, operational manual, power line