

BBT-3967

Bottle Burst Tester



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Analytical Technologies Limited

An ISO 9001 Certified Company

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- ▶▶ The “ATL” Bursting Strength Bursting strength tester of any material such as fabric, leather, paper, paper board & corrugated box etc. Its strength under multidirectional force and is defined, as the hydrostatic pressure required producing rupture of the material when pressure is applied at a controlled increasing rate through a rubber diaphragm.

Tester is designed to find bursting strength of fabric/leather/paper/paper board & corrugated box. A test specimen is held between two annular clamps under sufficient pressure to minimize slippage. The clamping is done by hand wheel/screw arrangement or by pneumatic pressure with pressure gauge, solenoid valve and pressure regulator as per model. The upper clamping surface which is in contact with the test specimens has a continuous spiral grooves. A circular diaphragm of pure gum rubber is clamped between the lower clamping plate & pressure cylinder so that before the diaphragm is stretched by pressure underneath it the center of its upper surface is below the plane of the clamping surface.

The equipment is fitted with a motor driven screw mechanism, which increases fluid displacement on the lower side of the diaphragm at a specified rate. The equipment is fitted with an arrangement, which automatically brings down the pressure and stops the motor on completion of the test cycle. A maximum reading type pressure gauge (or pressure sensor and digital indicator with peak hold and tare facility in digital model) gives the bursting pressure.

The equipment is ruggedly designed to give a long & trouble-free life. The components are brighter chrome plated or painted in metallic paint to give the tester an aesthetic appearance.

▶▶ **Technical Specification:**

Capacity : 0 to 50 kg/cm²

Least Count : 0.1 kg/cm² least count

Opening in upper clamp : 30.5 mm diameter

Opening in lower clamp : 38.1 mm diameter

Rate of fluid displacement : 95 cc/ minute

Test fluid : Glycerin

Gear Box : Worm reduction type

Power required : 220 VAC, 500 W, 50 Hz single phase (Other power option also available)

Clamping : Manual

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

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Semi Auto Bio
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Hematology
Analyzer



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Reader/Washer



URINOVA 2800
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Total Organic
Carbon 3800



Fully Automated
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Laser Particle
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Ion Chromatograph



Water purification
system

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Analytical
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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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