



BBT-3967

Bottle Burst Tester



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



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 rapture 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 raggedly 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 Maintenace 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.

Instruments: (Instruments: We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.

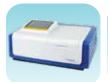




About Analytical Technologies

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Semi Auto Bio Chemistry Analyzer



HEMA 2062 Hematology Analyzer



Micro Plate Reader/Washer



URINOVA 2800 Urine Analyzer



Total Organic Carbon 3800



Fully Automated CLIA



NOVA-2100 Chemistry Analyzer



PCR/Gradient PCR/ RTPCR



TOC Analyzer



Laser Particle Size Analyzer



Ion Chromatograph



Water purification system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



- 1.Research & Innovation Scientist's awards/QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org
- 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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Corporate & Regd. Office: Analytical House, # E67 & E68, Ravi Park, Vasna Road, Baroda, Gujarat 390 015. INDIA T: +91 265 2253620 +91 265 2252839 +91 265 2252370 F: +91 265 2254395 E: info@hplctechnologies.com info@multiplelabs.com info@analyticalgroup.net info@analyticalbiomed.com W. www.analycalgroup.net www.hplctechnologies.com www.multiplelabs.com www.ais-india.com Sales & Support Offices: across the country: Distributors & Channel partners World Wide