LINE PP & PC



BURSTING STRENGTH TESTER

models BT-21P and BT-21C

The BT-21 determines the bursting strength for the quality control (QC) and research and development (R&D) of paper, board and corrugated board.

The new and modern design, associated to the use of light and resistant materials, offers a friendly and secure operation to the user.

The exclusive interactive and intuitive software offers options to a complete or basic test. The complete test presents options to statistical calculation, calculation of bursting strength, bursting index and absolute bursting strength.

During the test the wide LCD display shows a graphic of the evolution of the test and after its conclusion indicates automatically the maximum strength of the tested material.

Also available thermal printer, memory to automatic storage of the last 500 results and search function by date, operator or material.

Major Technical Characteristics

Version	BT-21P (paper)	BT-21C (board and corrugated board)
Measuring range	(70 to 1300) kPa	(350 a 5500) kPa
Resolution	0,01 kPa	0,01 kPa
Clamping pressure	430 kPa	690 kPa
Hydraulic system rate of flow	(95 ± 5) mL/min	(170 ± 15) mL/min
Lower clamp opening	(33,10 ± 0,05) mm	(31,50 ± 0,05) mm
Upper clamp opening	(30,50 ± 0,05) mm	(31,50 ± 0,05) mm
Elasticity of the diaphragm	(30 ± 10) kPa/9mm	(195 ± 25) kPa/10mm
Rupture level (programmable)	20 - 100%	20 - 100%
Applicable standards	ISO 2758, TAPPI T-403	ISO 2759, TAPPI T-807, TAPPI T-810

The BT-21 also features steel frame body, strain gauge pressure transducer, pneumatic clamping system for the sample, built-in hydraulic system for the diaphragm, quick connector for calibration, built-in electronics and exclusive testing software.

Power supply	220 VCA, 50/60 Hz, single phase, 200 W
Air supply	6 bar, instrument quality, 0,1 m^3/h
Dimensions	(230 x 600 x 470) mm (W x L x H)
Weight	30 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.

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