

Mullen Burst Tester

TP- K1 Series



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Mullen burst tester TP-K1 series is used to measure the bursting strength of paper submitted to increasing hydraulic pressure. It can be used in testing bursting strength of all types of papers in the range 0 to 5600 kPa or 0 to 1600 kPa depending on clamp pressure. It has mechanically & electrically integrated modern design, with compact structure & easy for maintenance. The advantage of user-friendly operations, stable performance makes this tester an essential instrument for papermaking, packing, inspection and research.

Features

- Large colored LCD touch screen display
 - Bursting strength range 0 to 5600 kPa or 0 to 1600 kPa
 - Use of hydraulic oil as the driving force to break the specimen
 - Equipped with high precision sensors
 - Equipped micro-computer control system
 - Attachment for micro-printer with high print speed and low failure rate
 - Specimen is broken, stores the maximum amount automatically
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Applications

Mullen burst tester is used to measure bursting strength of paperboard, paper across paper industry, packaging industry, and printing industry.

Specifications

Model no.	TP-K10	TP-K11
Measurement range	0 to 5600 kPa	0 to 1600 kPa
Accuracy	± 0.5 % F.S.	
Compression speed	170 ± 15 ml/min	95 ± 5 ml/min
Clamp pressure	≥ 690 kPa	≥ 430 kPa
Diameter of upper clamp	31.5 ± 0.05 mm	30.5 ± 0.05 mm
Diameter of lower clamp	31.5 ± 0.05 mm	33.1 ± 0.05 mm
Pneumatic pressure	0.45 to 0.6 MPa	0.3 to 0.5 MPa
Film resistance	For bulge height = 10 mm, The pressure = 170 to 220 kPa For bulge height = 18 mm, The pressure = 250 to 350 kPa	For bulge height = 9 mm, The pressure = 25 to 35 kPa
Dimension	480×420×600 mm	
Net weight	65 kg	
Power supply	AC220 V ± 10 % , 50 Hz	