

KRK Burst Strength Tester (High Pressure Type)

Model No. 2021-A

In the international standard, burst strength is specified as a value of pressure that is necessary to make the paper or paperboard burst, by exerting pressure to the paper sheet with a certain speed and deforming the paper into a shape of a ball. This machine features the possibility of testing burst strength safely and rapidly: the specimen is applied the pressure that is exerted via a rubber diaphragm by the penetration of a motorized plunger, and the pressure sensor detects and displays pressure strength at the moment the specimen bursts. This machine comes into two types: type C and type A. Type C is designed for paper sheets, paperboard, and film 0.64mm or less thick, and Type A for paperboard, corrugated board, and the like. Unlike the conventional Mullen type, the KRK Burst Strength Tester features many advantages, for example, high precision, reproducibility, and operability. This machine focuses on the safety. KRK offers the model with a printer or a paper feeder as well.

Specifications

Specimen Clamp:	upper clamp 31.5mm, lower clamp 31.5mm
Compression Rate:	170 + 15cc/min.
Decompression Rate:	340cc/min
Pressure Gauge:	max. 5MPa (digital display)
Safety Device:	safety ring on the clamping section
Power Source:	100/110VAC 50/60Hz 7A
Air Source:	0.5MPa
Referential Standards:	JIS P-8131-2009, TAPPI T807om-03, T810om-85, ISO 2759
Outer Dimensions:	380 x 490 x 440mm
Instrument Weight:	83kg



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