

KRK KUMAGAI RIKI KOGYO

Paperboard Abrasion Tester

Model No. 2108

Corrugated cardboard boxes and paperboards are subject to significant vibrations and friction during feed to a box making machine or cargo transport. Surface abrasion resistance is important for avoiding peeling under such actions. This tester measures the resistance of paperboard to surface abrasion. Specimens are fixed to two different friction parts in the arc form. A couple of specimens of the same direction (MD or CD) rub each other on the test surface. The number of reciprocating motions is read on the counter, till fibers remove from the surface or abrasion occurs.

Curvature Radius of Arc Friction Part

upper: 50±0.5mm

lower: 200±5mm

Contact Pressure

500±5g

Friction Speed

30±2rpm

Referential Standards

JIS P-8136-1994

Power Source

100/110VAC 50/60Hz 1A

Outer Dimensions

350×500×350mm

Instrument Weight

40kg



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