

Precision sample cutter

The development and production of environment friendly papers and boards, with high performance and low cost, require constant R&D (research and development) and Q.C. (Quality control).

The effective preparation of representative test pieces is a key point in paper and board physical tests that might not be forgotten by users.

The 2G-15 is used to prepare rapidly test pieces with exact dimensions for several major physical tests for paper and board below listed.

This equipment is manually driven and has a extremely reliable operation due to its rugged and accurate mechanical construction.



Features

Smart safety clamping system prevents slippage of sheet while cutting and also prevents operator from unintentionally leaving his fingers or hand in the dangerous punching area.

The 2G-15 also features iron-cast frame, die and punch made of tempered alloy steel, holes for fastening the cutter to a bench, feeding table, storing table for cut test pieces, long handle for light and ergonomic operation.

Physical specifications

Dimensions

300 x 400 x 400 mm (A x L x P)

Weight

15 kg

Technical Specifications and Standards

Type of test	Size of piece	Tolerance	Applicable standards
Tensile test	15; 25; 25,4 or 50 x 300 mm	+/- 0,1 mm	ISO1924/2, TAPPI T-494
RCT - Ring crush tests	12,7 x 152,4 mm (1/2 x 6 in)	+/- 0,1 mm	ISO 12192, TAPPI T-822
CMT - Concora Medium Test	12,7 x 152,4 mm (1/2 x 6 in)	+/- 0,1 mm	ISO 7263, TAPPI T-809
CCT - Corrugated Crush Test	12,7 x 152,4 mm (1/2 x 6 in)	+/- 0,1 mm	TAPPI T-824
Tests of bending resistance	38,1 x 70 mm	+/- 0,1 mm	ISO 2493, TAPPI T-489
Tests of tearing resistance	63 x 70 mm	+/- 0,1 mm	ISO 1974, TAPPI T-414
Custom cutting sizes available under request.			