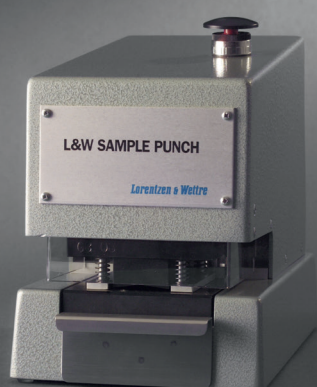


L&W Sample Punch

Lorentzen & Wettre Products | Paper testing



L&W Sample Punch is used for easy and rapid preparation of accurate test pieces for use in tearing tests, bending resistance tests, folding strength tests, or L&W Autoline Elrepho Module. It is pneumatically operated and the specially designed sample holder ensures extremely good cutting results on both thin and tough paper.

L&W Sample Punch is a sturdy tool for easy cutting and preparation of test pieces. With a punch and die made of tempered tool steel, its cutting properties are extremely good and a guarantee for maximum life.

Square punching requires exact placement of the sample in the machine and cross-machine directions. To facilitate this, L&W Sample Punch is provided with a back stop for adjustment of the cut. A sample holder presses the sample tightly against the die before cutting. The punch has slanting edges, which allows cutting of thick materials using moderate pressures and also reduces wear of the punch. The finished samples are collected in a tray placed below the punch.

There are connections for instrument air, an air-pressure regulator and a gauge, and a connection for a foot switch on the rear panel. For protection from hand or finger injuries there is a safety device in front of the punch.

Technical specifications – L&W Sample Punch, code 107			
Instrument			
Tearing test pieces	62 × 50 mm (SCAN, APPITA/AS, ISO, DIN) 63 × 53 mm (TAPPI)		
Bending and creasability tests	38 × 80 mm		
L&W Autoline Elrepho Module backing samples			
Test piece			
Grammage	35–1000 g/m ² (7–200 lb/1000 ft ²)		
Thickness	4 mm (160 mils) max.		
Installation requirements			
Instrument air	0.5–0.75 MPa (75–110 psi)		
Option	Foot switch		
Dimensions	0.2 × 0.3 × 0.3 m 8 × 12 × 12 in	Volume	0.1 m ³ 3.5 ft ³
Net weight	17 kg 38 lb	Gross weight	24 kg 53 lb

Benefits

- Precision cutting of samples
- Wide working range
- 35–1000 g/m²
- Punches single and multiple sheets (depending on grammage)
- Robust construction
- Equipped with safety device

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