

ECT Sample Saw

Code: P.302

Usage

To prepare very precise and exact corrugated board samples for the Edge Crush Test.

Applicable standards

- DIN EN ISO 3037
- ISO 13821
- DIN 53149
- TAPPI T811, T823, T838, T839
- FEFCO No. 8





Sample feeder with fixing block



Sample output on the side

Device description

The ECT sample saw was specially developed to achieve higher values in edge crush testing and to obtain precise samples. The practical table-top unit impresses with its new and noble design in a stainless steel look and the comfortable handling. Various parameters such as the speed can be conveniently set on the digital display and the integrated hoover system enables clean working. After cutting, the sample is dispensed from the side of the unit and is easy to remove.

Process description

The sample is put in a holder and fixated with a POM block. By pressing the Start button, the motor as well as the plugged vacuum cleaner (included in the delivery) are starting simultaneously and a sample of 1" (25.4 mm) width is cut out. The corrugated board is pulled in further and the next sample is cut. As soon as the blades have gone back into their initial position after cutting, the samples can be taken easily from the side tray.

Delivery content

- fully automatic ECT Sample Saw
- industrial vacuum cleaner
- power cable
- user manual
- certificates

Connections

- Voltage: 230 V, 50 Hz AC
- Compressed air: 400-600 kPa
- Vacuum Cleaner connection on rear side

Specifications

- robust design with golden elements
- high speed motor for cleanest cuts
- automatic cutting process
- automatic sample ejection
- control via digital display
- counter for cuttings
- easy changeable blades
- safety and security features
- with vacuum cleaner system
- incl. industrial hoover
- samples up to 22 mm thickness possible
- sample width acc. standards: 1-inch (25.4 mm)
- sample length of 100 mm possible
- CE certified

Parameters

	Dimensions	Weight
Net	600 x 500 x 350 mm	50 kg
Gross	800 x 600 x 500 mm	80 kg

*In comparison:
ECT Sampe Saw Cut (high values) against
"Billerud" Sample Cut (low values)*

