

ECT-SAMPLE SAW

Helps to make coplanar samples for the ECT test

- High-speed sample saw with accurate cuts
- Automatic feed and pneumatic ejection of the cut samples
- Counter shows the number of cuts
- Exhaust for the removal of cutter dust



Applicable standards:

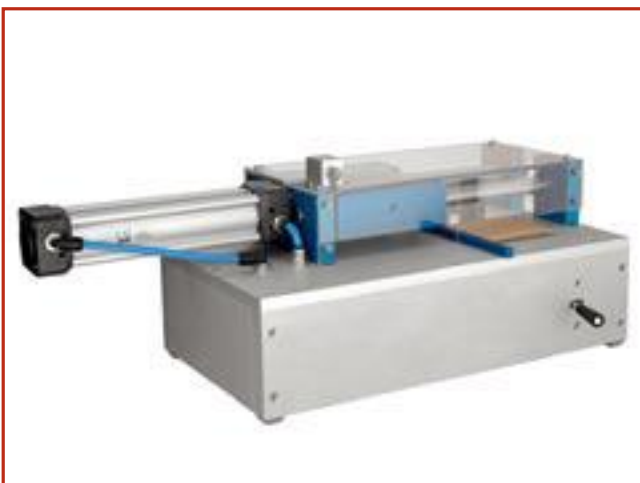
- DIN EN ISO 3037
- APPITA 1301.444s
- DIN 53149
- FEFCO Nr. 8
- ISO 13821
- SCAN P 33
- TAPPI T811, T823, T838, T839



Insert the sample



Precise samples



ECT Cutter „Billerud“

Description

The sample saw is provided with high-speed revolution saw blades. The high speed and the exact parallelism ensure a precise cut of the sample for accurate measuring results. The speed of the saw blades can be adjusted manually. A counter registers the wear of the saw blades.

The sample feed is controlled pneumatically and the sample is trimmed automatically. Thus, sample deviations are nearly eliminated. After the cutting process, the sample is ejected automatically and can easily be taken out. A safety switch is built in to avoid an accidental opening of the housing.

Test description

The operator fills a 100 mm wide sample strip laterally in the sample inlet by slightly lifting the down holder. The motor and the exhauster are started. By pushing the start button, a sample slide advances, and the sample is cut and ejected laterally.

The operator manually forwards the sample strip. By pushing the start button, another ECT sample is produced. The sample is always cut at both sides to assure highest parallelism.

Specifications

- Quiet design
- High-speed motor, up to 20,000 rpm
- Special saw blades for precise cuts
- Automatic sample feed and ejection
- Maximum sample height: 20 mm
- Rotation speed of saw blades adjustable
- Counter indicates best time for changing the saw blades
- Exhauster optionally available
- Sample size: 25 x 100 mm

Figure **ECT Sample Cutter system "Billerud"**: for thinnest samples (max. 3 mm). The sample is pneumatically cut by pneumatically advanced razor blades. The parallelism of the samples depends on the thickness of the material.

Electricity	230 V, 50 Hz
Water supply	None
Compressed air	400 - 600 kPa
Dimensions (WxDxH)	60x50x25 cm
Net weight	46 kg
Gross weight	60 kg