

Article No. S40920



Preparation Products

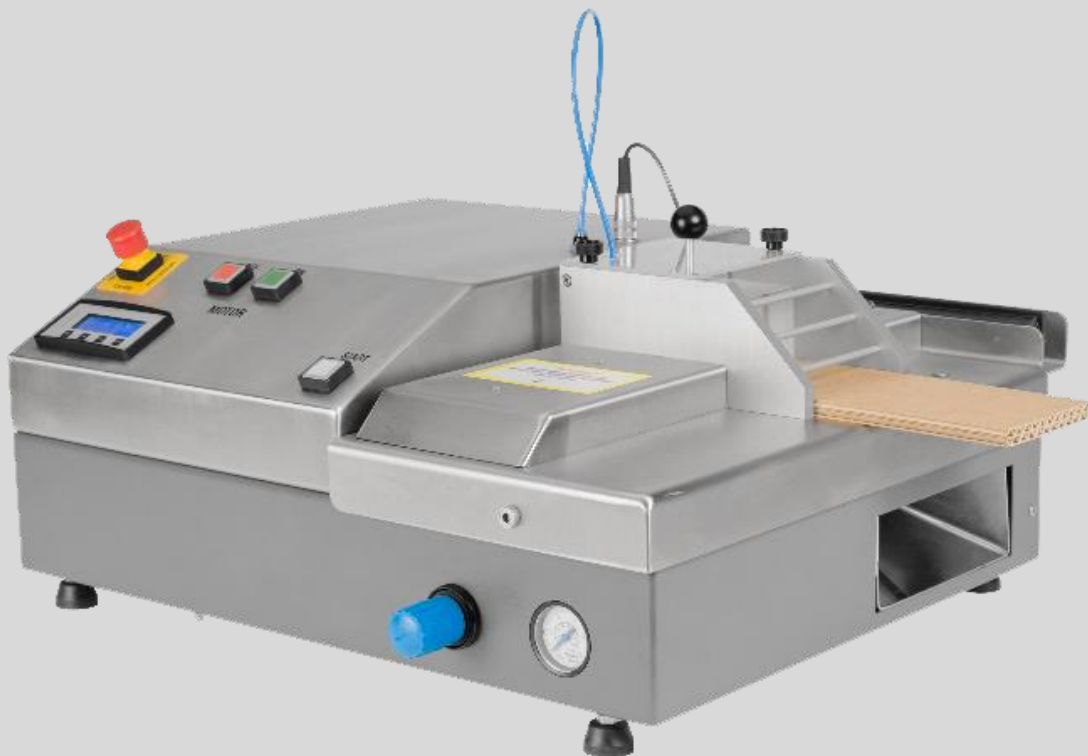
ECT Sample Saw

For the preparation of plane parallel samples for the ECT-test.

For:



✓ BOARD



MOST IMPORTANT BENEFITS:

- ✓ Accurate and plane parallel cutting due to circular saw blades
- ✓ Highspeed motor with up to 12.000 rpm adjustable
- ✓ Pneumatic cutting slide
- ✓ Automatic sample ejection

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

🏠 FRANK-PTI GmbH
Auf der Aue 1
69488 Birkenau

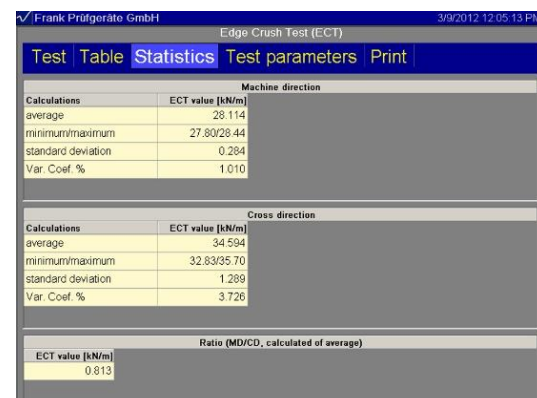
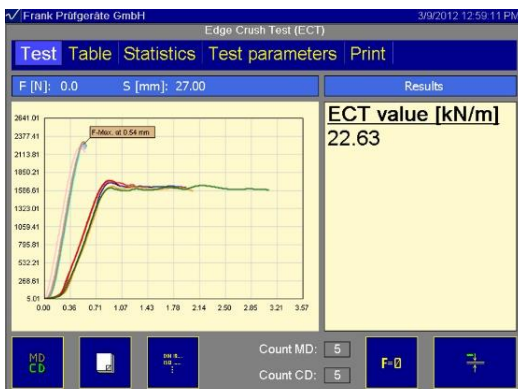
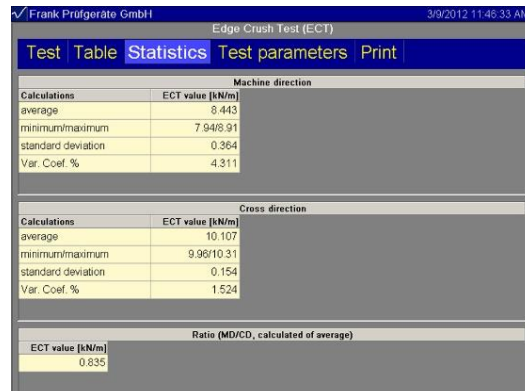
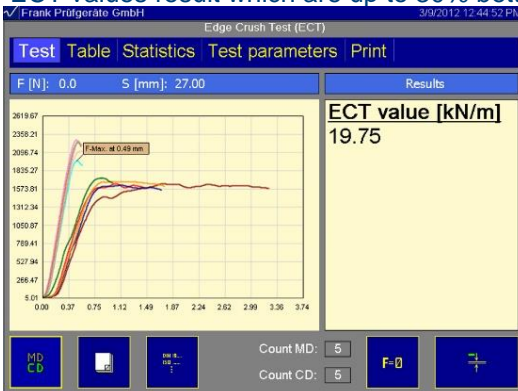
☎ +49 (0) 6201 84 0
📠 +49 (0) 6207 84 290
✉ office@frank-pti.com

🌐 www.frank-pti.com

ECT SAMPLE SAW vs. BILLERUD-CUTTER

The ECT Saw is provided with parallel circular saw blades instead of the cutting blades. This ensures a more precise plane-parallel cut.

The extra-long life saw blades minimise any wear, so that these will have to be changed less often. Instead of cutting the samples, resulting in compressing the edges, the ECT Saw saws through the sample and only affects minimally the cut edge. The difference can be seen especially regarding multiply corrugated board. ECT values result which are up to 30% better.



ECT SAMPLE SAW:

- Cuts samples up to 15 mm thick
- By the rotating circular saw blades the cut is more precise and plane-parallel
- More expensive to purchase but ensures savings potentials due to realistic measured values
- Highspeed motor up to 12000 rpm
- Automatic feed and avoidance of dust
- Pneumatic push
- Automatic ejection of the cut samples
- The ECT value is about 10-20% higher with the saw.
- Relief-ground saw blades for less wastage and a better cutting result especially in the case of thicker corrugated board

BILLERUD CUTTER:

- Only cuts corrugated board up to max. 6 mm.
- Blades bend in the cutting process, by what plane-parallel cuts are hardly possible
- Less expensive, approx. half the price of the saw
- Favourable price for cutting blades
- Plane parallelism is worse
- Frequent changing the blades due to high sample throughput

Conclusion:

The ECT Sample Saw may be more expensive to buy than the Billerud Cutter but it prevents deviations from real values due to its precise cut. Thus, it will save you the extensive adding of chemicals, starch, etc. in the production process as the product has already achieved the desired strength.