

Art No. S95936

Preparation Products



FCT Circular cutter 100cm² PS100

For:



✓ PAPER



✓ BOARD

For making exact 100cm² samples for FCT tests



MOST IMPORTANT BENEFITS:

- ✓ Accurate surface measurement
- ✓ Four needles prevent slipping of the specimen
- ✓ No deformation of the cutting edges
- ✓ With cutting pad to protect the blades and even more precise cuts

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

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PRODUCT DESCRIPTION

The circular cutter was specially developed for FCT tests in the compression tester and is used to produce samples with an area of exactly 100 cm². Sharp, circularly guided knives achieve true-to-size circular samples with absolutely smooth edges.. Even "critical" materials such as thin foils, silk paper, corrugated cardboard, hosiery, nonwovens, carpets, artificial leather, fluffy or velvety fabrics can be cut without difficulty. A porous rubber plate serves as the cutting base, into which blades can penetrate without danger.

FLAT CRUSH TEST (FCT)

The sample prepared with the circular sample cutter with an area of exactly 100 cm² is placed between the compression plates in the compression tester. In the FCT test, the surface of the corrugated board is subjected to pressure until the corrugations buckle. The measured value provides information about the point up to which the fibers regenerate, when they no longer reform (meander point) and how much force is required to finally break them.

TECHNICAL DATA

DEVICE / INSTRUMENT

- Device for presetting the cutting depth
- Four needles prevent slipping of the specimen
- Protection against injuries
- Knives can be easily changed
Cutting pad included in delivery
- Max. cutting depth: 13mm
(depending on material)

APPLICABLE STANDARDS

DIN EN ISO 536
DIN EN 23035
APPITA/AS 1301.429s
SCAN P32
FEFCO Nr. 6
ISO 3035
TAPPI T 82
*more on request

DIMENSIONS

	L x H x B
S959360002	18 x 27 x 18 mm
Weight:	net ca. 2 kg

ARTICLES / MODELS

S959360003 FCT- circular cutter 100cm²
*other sizes on request

Recommended Accessories:

S959361001	Cutting blades 0,20 mm (standard)
S959361002	Cutting blades 0,13 mm
S951021005	Cutting pad