

product specification

Crush Tester – Model CT-2000



Description

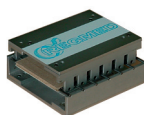
The Crush Tester determines the compression strength of corrugated board, its components and small packages for quality control and R&D. Used as a stand-alone unit, the Crush Tester is operated through an intuitive menu. Data can be viewed directly on the LCD or transferred to a local printer or host PC (through parallel or serial output).

Features

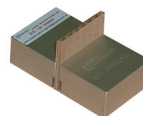
- Lightweight cast aluminium body
- Easy operation through built-in testing software, alphanumeric backlit display and membrane keyboard
- Standard results: peak force (N, kgf and lbf), specific test results for PAT, ECT, SCT, FCT, RCT, CCT, CMT and statistical analysis
- High-precision HBM load cell
- Heavy-duty step motor
- Star accurate ball screw
- Includes individual testing software for PAT, FCT, ECT, RCT, CLT, CCT and CMT

Options

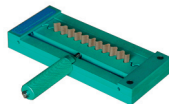
Accessories for Crush Tester



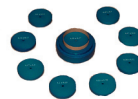
- PAT (Pin Adhesion Test Assembly)



- ECT (Edge Crush Test Assembly)



- CCT (Corrugated Crush Test Assembly)



- RCT (Ring Crush Test Installation)

- CMT (Concora Medium Test)

- SCT (Short Column Test Assembly)

Accessories for sample preparation

- CAP-21 Pneumatic sample cutter for ECT, SCT
- FCT Circular cutter for FCT
- ODC/A Concora corrugator for CMT and CLT
- JDC 15 Sample cutter for RCT, CMT and CCT
- NC-21 Sample cutter for ECT using neckdown

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Performance data

Measuring range 0–4 kN

Precision 1 N

Opening range 5–80 mm

Test speed range 10–40 mm/min

Power supply 220 V, 50/60 Hz, single phase

Power consumption 200 W

Return speed of plate 250 mm/min

Physical specifications

Testing plates

Sturdy steel nickel-plated testing plates

Dimensions 120 x 120 mm

Overall dimensions

32 x 32 x 56 cm (W x D x H)

Net weight

45 kg

Standards

PAT – TAPPI T-821

CCT – TAPPI T-824, SCAN P42

CMT – TAPPI T-809, DIN 53143, EN ISO 7263, NF Q 03-044

ECT – TAPPI T-811, T-823, T-838, DIN 53149, EN ISO 3037

FCT – TAPPI T-808, EN 23035, NF Q 03-033, FEFCO No. 6

SCT – TAPPI T-811, ISO 3037

RCT – TAPPI T-818, T-822, DIN 53143