

Touch Screen Paper Crush Testing Machine

EI-PCT Touch Screen Paper Crush Testing Machine, it's used to test the compression resistance degree of corrugated paper and craft paper in upright direction at certain condition, flat crush strength test, compression resistance test.

It's equipped with advanced high precision load-cell, motor and touch screen device.

Features:

- ❖ Smooth and precise transmission mechanism.
- ❖ Large color LCD Touch Screen Display
- ❖ Real-time load curve display

Testing Mode:

- ❖ RCT, ECT, FCT, PAT methods.
- ❖ Unit of test: N, Kgf, lbf (switchable)



Standard Accordance:

- ❖ FCT - Flat Crush Test: ISO 3035, TAPPI T825, FEFCO 6
- ❖ RCT - Ring Crush Test: ISO 12192, TAPPI T822
- ❖ CMT - Concora Medium Test: ISO 263, TAPPI T809
- ❖ CCT - Corrugated Crush Test: TAPPI T843, T824, SCAN P42
- ❖ ECT - Edge Crush Test: ISO 13821, 3037, TAPPI T811, T829, T838, T839, FEFCO 8
- ❖ PAT - Pin Adhesive Test: TAPPI T821, FEFCO 11

Specification:

Model	EI-PCT
Measuring Range	5N ~ 3,000 N
Accuracy	$\leq \pm 1\%$
Test Force Test Range	0.4% ~ 100% FS
Platen Diameter	125mm
Force Value Resolution	0.01N
Displacement	70mm
Resolution	$\leq 0.1\text{mm}$
Test Speed	12.5 \pm 1mm/min

ECO INSTRUMENT (NS0081046-M)

Plate Parallelism	≤ 0.05mm
Controller	Touch Screen with Software
Interface	7" LCD Display
Printout	Modular Integrated Thermal Printer
Power Supply	240V, 50Hz
Dimension	400 x 360 x 550mm
Weight	Approx. 45kg
Standard Accessories	Compression Platen x 1 set ECT blocks x 1 set Thermal Roll Paper for Built-in Mini Printer x 10 rolls Instruction Manual x 1 Calibration Certificate x1
Optional Accessories	EI-ECPA Edge and pin adhesive sample cutter TAPPI T811 ECT sample block Paraffin Wax - TAPPI T811 ECT