Line PP & PC



CRUSH TESTER

model CT-21

The CT-21 determines the compression strength of corrugated fiberboard and its components for Q.C (quality control) and R&D (research and development).

The new and modern design, associated to the use of light and resistant materials, offers a friendly and secure operation to the user.

The exclusive interactive and intuitive software offers options to complete or basic test. The software enables 10 specific programs for the compression tests indicated in table below with option for statistical and respective resistances calculation, according to the applicable technical standards.

During the test the wide LCD display shows a graphic of the evolution of the test and after its conclusion indicates automatically the maximum strength of the tested material.

Also available thermal printer, memory for automatic storage of the last 500 results and search function by date, operator or material.

Major Technical Characteristics	
Capacity	4000 N
Resolution	0,1 N
Selectable testing units	N, kgf or lbf
Testing speed (programmable)	10 - 40 mm/min
Return speed of plates	250 mm/min
Stroke length (programmable)	5 - 80 mm
Rupture level (programmable)	40 - 100%

The CT-21 features high precision load cell, sturdy steel nickel-platted testing plates, heavy duty step motor, accurate ball screws, LDC display, touch membrane keyboard, built-in electronics and the exclusive testing software that eliminates the need for a personal computer to operate it.

Test	Acessory Required	Technical Standard
Flat Crush Test (FCT)	Circular Cutter - CT-CA	ISO 3035/TAPPI T-825
Ring Crush Test (RCT)	Ring Crush Holder - CT-RA	ISO 12192/TAPPI T-822
Corrugated Crush Test (CCT)	Corrugated Crush Test Device - CT-CO	TAPPI T-843
Concora Medium Test (CMT)	Laboratory Fluter - LF-21	ISO 7263/TAPPI T-809
Pin Adhesion Test (PAT)	Pin Adhesion Test Device - CT-AC	TAPPI T-821
Edge Crush Test ISO (ECT)	Edgewise Blocks ISO - ECT	ISO 3037
Short Column Test TAPPI (SCT)	Edgewise Blocks TAPPI - SCT	ISO 13821/TAPPI T-811
Short Column Test TAPPI (SCT 839)	Clamp Fixture TAPPI - SCT T-839	TAPPI T-839

Some tests also require the use of specific sample cutters used to prepare test pieces according to the requirements of Technical Standards.
Applicable Standards: *ISO 13820*

Power Supply	220 VCA, 50/60 Hz, single phase, 200 W
Dimensions	(230 x 460 x 645) mm (W x L x H)
Weight	50 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.

Address: *Av. Dr. Alberto Jackson Byington, 1595* · ***CEP:*** *06276-000 - Osasco - SP - Brazil*
Phone: *+ 55 11 3601 5700* · ***Fax:*** *+ 55 11 3601 5973* · ***e-mail:*** *regmed@regmed.com.br*
www.regmed.com.br