



SAHARANPUR TESTING INSTRUMENTS PVT LTD

Manufacturer & Suppliers of All Kind of Pulp, Paper, Board, Tissue, Packaging, Converting & General Testing Instrument for Laboratory

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Short Span Compression Tester (SCT)



Usage: for determination of compression strength and compression index on paper and board samples .

Standardization : ISO 9859 , TAPPI T826 , SCAN P46 , DIN 54518 , APPITA/AS 1301.450 .

Device Description : The short span compression tester is used for paper or board strips with 15mm width. The jaws clamps the strips with definite force and then the jaws move from 0.7mm towards the center until a break is detected . on the LCD the values are displayed

Test Description: the sample is put into the open clamps by pressing the start button , the clamps close and move together with a speed of 3+ 0.1mm/minute , the curve is displayed and as soon as the break is detected the value is shown on the LCD . After several tests the statistics values and the ratio between MD and CD are displayed. Optionally a sample feeder can be delivered, which moves the sample strip for next test sequence. The sample feeder moves the sample approx 3cm and allows several tests on one strip.

Specifications :

Measuring results: -	Peak load for compression strength of individual values -Mean & max. value and coefficient of variation value.
GSM range:	100 to 400 g/m ²
Compression length:	0.5 mm
Test span:	0.7 mm
Clamping force	2300 ± 500 N at 500 kPa (75 psi) air pressure
Strip dimension:	Length 150 mm , width 15 mm
Accuracy:	± 1% of reading within 30-300 N
Computer output	RS 232C.
Power consumption:	175 W
Power Supply	1-phase.
Instrument air	5 Kg/cm ²

Delivery Content :

Consumables :

Service and Startup :