



PAP-TECH ENGINEERS & ASSOCIATES

Pap-Tech TENSILE STRENGTH TESTER Model : PAP-2065-B (Horizontal Model)

MICROPROCESSOR BASED

The **Microprocessor Based Horizontal Tensile Strength Tester** is used for determining the tensile strength and stretch of sheet materials. **Horizontal Tensile Strength Tester** - User friendly software guides the operators through all steps of program selection, parameter modification and sample test to minimize to human error during test to provide rapid and efficient determination of tensile strength, stretch, tensile energy absorption (TEA) and **tensile stiffness of paper and paperboard with in-built printer, fitted with imported load cell.**



Salient Features :

- Standard Stainless Steel clamps for Paper, Strip width 15 mm with non-slip grip.
- Polling rate is regulated through imported DC Drive and imported load cell.

TECHNICAL - SPECIFICATION

Measuring Result :	Individual results of Tensile Strength, Stretch, TEA, Tensile Stiffness, Breaking Length, Breaking time mean value & Standard Deviation.
Measuring Range :	Stretch at break 0-70% at clamping length 100 mm.
Clamps :	15mm or 25 mm.
Clamping Length :	Selected.
Pulling Speed :	1-99 mm/ min (0-04-4.0"/min).
Accuracy :	± 1% of reading down to 10% of the load cell capacity.
Resolutions :	0.025% of nominal load cell range and 0.1 mm in elongation measurement.
Computer Output :	1. RS 232 C & Printer port Model C 2 interface with pc having a specification a Pentium & specially developed software.
Analog output :	Force Value 0-10 V
Power Supply :	1 Phase.

APPLICATION STANDARDS

ISO 1924/2, SCAN P 38
SCAN P 132 (Proposed), TAPPI T 494, APPITA/ AS
1301.448, BS 4415, CPPA D 34, DIN 533112, TEILL 1

OPTION

Laod Cell 0-500 N/50 Kg.
 0-1000 N / 100 kg.
 Clamps 50 mm

Finch device for wet tensile test. Precision test strip cutter for cutting width 15mm. Calibrated check weights. Food Switch