

TENSILE TESTER

model DI-21



The DI-21 determines the tensile strength, stretch and TEA (tensile energy absorption) of paper and board for Q.C. (quality control) and R&D (research and development).

This equipment is absolutely user friendly and reliable due to its built-in exclusive testing software and its rugged and accurate mechanical construction.

It offers complete statistics, a parallel port for the connection of a local printer and a RS232 serial port for the connection to a host computer for data transfer.

MAJOR TECHNICAL CHARACTERISTICS

Measuring range	0 - 500 N
Resolution	0,01 N
Selectable testing units	N and kgf
Testing speed (programable)	1 - 200 mm/min
Return speed	300 mm/min
Pneumatic clamps	25 mm width
Clamping length (programable)	100 - 180 mm
Clamping pressure (adjustable)	0 - 6 bar
Rupture level	20 - 100%

Pneumatic clamps with built-in sample detection ensure an easy, safe and comfortable operation, preventing the slippage of the sample during tests and minimizing the risk of human errors. Clamps design prevent operator from touching the sample in the testing area.

The DI-21's attractive modern design houses a lightweight and sturdy aluminium frame, accurate Star linear bearings and ball screw, precision HBM load cell, heavy duty step motor, alphanumeric backlit display and dial for the indication of the clamping pressure.

The DI-21 can be delivered under request with 50 mm width clamps and 100 N capacity, a special version suitable for low resistance papers like tissue.

Optional accesories: Delamination device model DI-DEL (Z bond test) · Precision Sample Cutter model 2G-15 (15 x 300, 25 x 300 or 50 x 300 mm)

Applicable standards: ISO 1924-2 · ISO 3781 · TAPPI T-494 · NM-ISO 1924-2 · NM-ISO 3781

Power supply	220 VAC 50/60 Hz, single phase
Power consumption	200 W
Air supply	6 bar, instrument quality
Dimensions	(700 x 420 x 250) mm (W x L x H)
Weight	51 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