





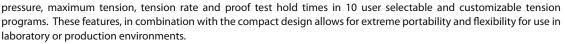
A PHOTONICS REVOLUTION

LINEAR TENSILE TESTER

The 3SAE Linear Tensile Tester is an automated tension tester for optical fi¬bers with cladding diameters ranging from 80-400 μm in diameter. The fi¬ber clamps accommodate coatings up to 1000 μm in diameter.

The 3SAE Linear Tensile Tester incorporates easy, single button fiber loading and an automated tension test process. The built in LCD reports an acceptable "pass" result and maximum tension, in Newtons (N) or Kpsi, applied to the fiber during the tension test. The 3SAE Linear Tensile Tester also supports destructive testing by pulling and displaying the maximum achieved tension.

The built in LCD and keypad ensures stand-alone operation and provides the operator easy access to software adjustable clamp



The 3SAE Linear Tensile Tester includes a universal AC- 12V DC power supply and requires no additional external connections, such as air for operation or PC for configuration. An available RS-232 port provides the ability to update the firmware and supports data collection from any appropriately configured computer.

Product



- · Motorized clamping system eliminates need for external air
- Easy low-maintenance bench top design
- · Built-in graphical LCD control (No PC required)
- Storage up to 10 programs

Technical Specifications:

- Dimensions: 240 (W) x 187 (D) x 142 (H) mm
- Weight: 5.2 kg
- Power Source: 12 V DC, 100W
- Fiber buffers: 160-1,000 μm
- Tensile test: 40N
- Resolution: 0.1N
- Pulling speed: 200-1,000 μm/s



Retractable Safety Shield Shown Above

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Linear Tensile Tester	LDS-01-0201	
Standard Package		
Power Supply	SPT-01-1243	1
Power Cord	FPU-02-0037	1

*INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Part Number

MADE IN THE USA

United Kingdom

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