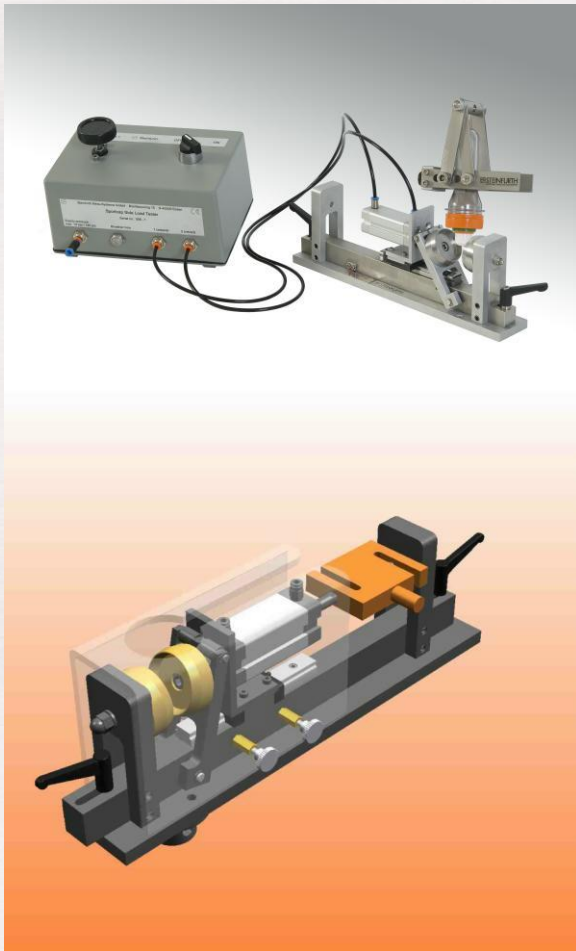




Tension Side Load Sport Closure Tester

...for standardised safety tests on sport closures



The Tension Side Load Tester for Sport Closures (TSLT) is an appliance designed for use on an automatic tensile testing machine. It consists of a pneumatic clamp assembly, a preform clamp and a pneumatic control box.

BENEFITS:

- Standardised ISBT test for Sport Closures
- Repeatable results at any load machine
- Simulation of human jaw
- Easy adaptation to any load machine
- Safety protected clamping mechanism
- Pressure controlled operation of the jaw mechanism

OPERATION:

The design of the clamp assembly complies with ISBT physical performance testing methods #102 and #103. It simulates a human jaw with teeth. The bite force is controlled by a pressure regulator located in the control box and measured using a standard load cell.

TECHNICAL DATA:

Bite force (max.):	141 N / 31.7 lbf
Specimen diameter:	30 mm / 1.2 in
Preform diameter:	15...27 mm / 0.6...1.2 in
Load cell capacity:	200 N / 45 lbf
Supply pressure:	7.5...10 bar/110..145 psi

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