

177 Horiz. Plane Tensile Testing Machine

DATA SHEET

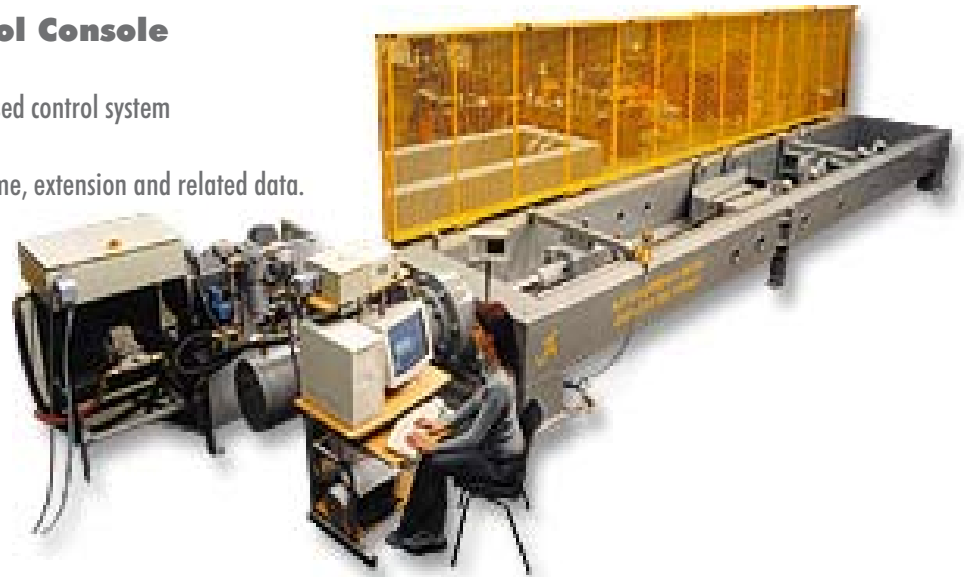
Designed to customer specifications specifically for simple proof load, destruction, cyclic and long period load testing of all types of materials (subject to gripping options).

Straining Unit

- Long stroke hydraulic cylinder with double acting ram.
- Piston head and cylinder ends fitted with low friction seals.
- Pulling ram terminates in a fixed clevis jaw, with a similar arrangement on the moving carriage.

Load Control Console

- Fully computerised control system
- Data acquisition
- Records load, time, extension and related data.



Load Cell

- Located between the pulling clevis and pull ram and strain gauge tensile load features a multi bridge with temperature compensation and close zero balance.
- Calibrated in accordance with International Standard ISO 7500-1: 2004

Test Bed

- Machine is fully guarded; fixed plates at base of bed.
- Hydraulically operated, hinged guards at the top of the bed section.

