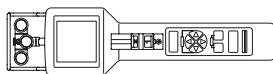




Hand-Held, electronic
DT Series



Special purpose tension meter with large roller diameter and centre distance for minimized material deflection

Special features:

- + Large, ball-bearing mounted guide rollers, made of hardened steel with 29.5 mm groove diameter
 - V-grooved for material with max. 5 mm Ø
 - U-grooved for material with 3 up to 5 mm Ø
 - Tape grooved for material with max. width of 10 mm
 - + Large bending radius assures gentle handling of the material being measured
 - + Special guides on the bracket assembly permit easy material acquisition
 - Apart from that the instruments relate to model DTS and DTX
- Note: These models do not have a built-in material thickness compensator

Model DTSL, DTXL

For buffer tubes, cables, fibre strands, ropes, tapes etc., up to max. 10 mm Ø, as well as 10 mm width



Model DTXL-5000

Available Models

MODEL	Tension Ranges cN	Measuring Head Width* mm	SCHMIDT Calibration Material**
DTSL-2500	150-2500	185	depending on the roller
DTSL-5000	250-5000	185	depending on the roller
DTSL-10K	1.00-10.00 daN	235	depending on the roller
DTSL-20K	2.00-20.00 daN	235	depending on the roller
DTXL-2500	150-2500	185	depending on the roller
DTXL-5000	250-5000	185	depending on the roller
DTXL-10K	1.00-10.00 daN	235	depending on the roller
DTXL-20K	2.00-20.00 daN	235	depending on the roller

* Outer distance between outside guide rollers

** with convenient material for each roller design

Guide Rollers

	Line Speed V _{max} ... m/min	Roller Material
V-grooved		
Standard	4000	Hardened steel (max. Ø 5 mm)
U-grooved		
Code R1	4000	Hard chrome-plated steel (radius R5)
Tape roller		
Code B6	2000	Hardened steel, width 6 mm
Code B10	2000	Hardened steel, width 10 mm

→ see page E →

Large guide rollers
minimize material
deflection

1st
IN TENSION
METERS
WORLDWIDE®

Optional Accessories Specifications same as DTS or DTX
(see page C7 and C8)