

TTXL cable tension meter

CHECKLINE®
MADE TO MEASURE

TTXL– Capacity: 26500 lb / 120 kN / 12000 kg
Measures Cables 3/4" - 1'17/64" (19mm - 32mm)

The TensionTek high capacity cable tension meter has been based on the Dillon quick check which has been modified to accept larger diameter cable while still maintaining its accuracy. The TTXL quickly measures cable tension in flare stacks, utility lines, guy wires, zip lines cables. The TTXL is a simple and easy to use tension meter that will give you accurate readings within seconds. Simply select the correct wire from a drop down list and then clamp unit onto wire and take reading. All readings can then be stored on the device for data export should this be needed. There are no complex lookup tables or conversion charts. The operator can quickly select from 20 different wire sizes and types stored in TTXL memory. The Check-Tensioning mode graphically displays the current and target tensions for extremely quick setting of line tension.



Key Features

- Simple, quick and easy to use
- Portable and rugged – designed for outdoor use
- High Accuracy +/- <3% of capacity
- High speed data capture
- On-board data logging
- Easy stored data export
- High brightness LCD display
- Stores calibrations for up to 20 unique wire sizes and types up to 1' 17/64" max. (32 mm)
- Telescopic handle ensures minimal effort to lock device
- Uses standard AA Batteries for up to 120 hours of use
- User-selected units of measure of Lb, Kg or Newton
- Includes Calibration Certificate
- 1 Year Warranty



Specification

Capacity	TTXL - 26500 lb / 120 kN / 12000 kg
Resolution (Selectable)	Low — 50lb/20Kg, Med — 20lb/10Kg *Default High — 10lb/5Kg
Wire sizes	3/4" inch through 1' 17/64" (19 - 32mm)
Accuracy	±3% instrument capacity
Number of calibrations	Up to 20 can be stored independently
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Loading error	Cable elongation of only 0.08 inch (2mm)
Display	LCD
Calibration Reminder	Included (set by factory)
Backlight	Included (configurable intensity and timer)
Power	AA batteries x2
Battery Life	10 Hz = over 250 hours continuous 100Hz = over 100 hours continuous
AZT (Automatic Zero Tracking)	Configurable AZT and Filtering
Carrying Case	Included
RS-232 Port	4-Pin LEMO RS-232 output
Units Of Measure	pound, kilogram, Newton
Environment protection	Suitable for continued outdoor use
Dimensions	10 x 23 x 3 inch (25 x 59 x 8 cm)
Weight	Approx. 11 lb (5 kg)
Shipping Weight	25 lbs (11.4 kg)
Shipping Dimensions	29 x 19 x 9 inches (74 x 48 x 22 cm) with carrying case, 36lb Dimensional Weight