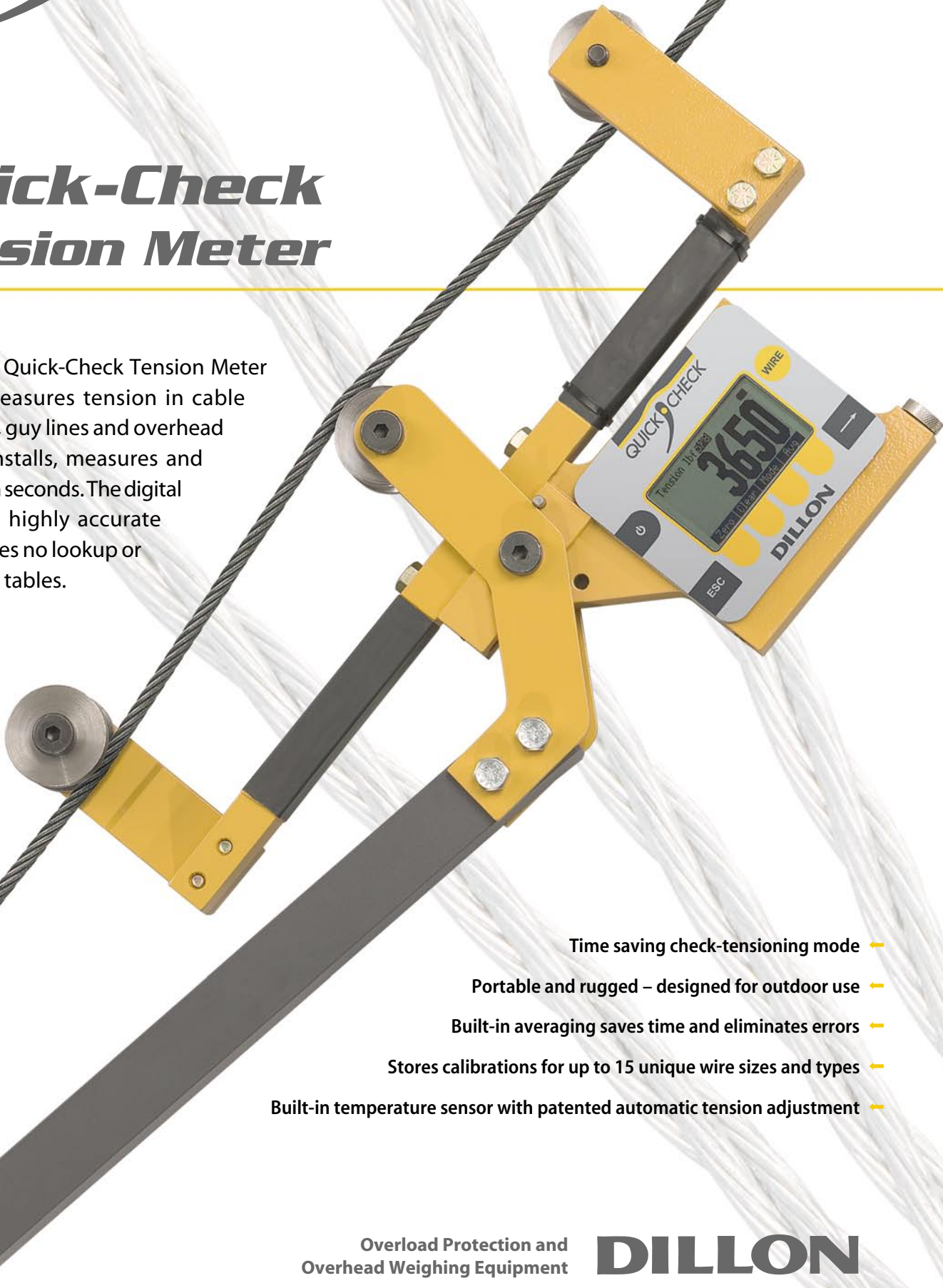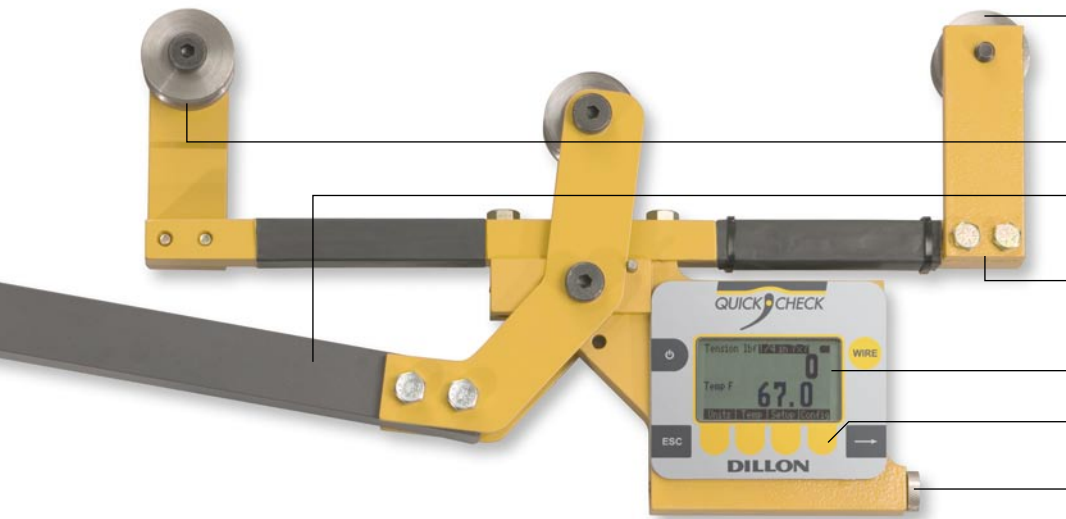# QUICK CHECK

# Quick-Check Tension Meter

The Dillon Quick-Check Tension Meter quickly measures tension in cable guardrails, guy lines and overhead wires. It installs, measures and removes in seconds. The digital loadcell is highly accurate and requires no lookup or correction tables.

Time saving check-tensioning mode

Portable and rugged – designed for outdoor use

Built-in averaging saves time and eliminates errors

Stores calibrations for up to 15 unique wire sizes and types

Built-in temperature sensor with patented automatic tension adjustment

**Overload Protection and Overhead Weighing Equipment**

# DILLON

- Sheaves with bearings eliminate friction and provide the best accuracy
- Accommodates a wide range of wire sizes and styles
- Extended handle length facilitates easy placement on cable
- Highly visible yellow finish
- Easy-to-read display with full-text prompts
- Easy to use soft-key interface
- Uses popular AA batteries and has long life between changes

## The Fastest Cable Tension Meter

The Dillon Quick-Check can be placed on a cable, measure its tension, and removed in under five seconds! There are no complex lookup tables, no conversion charts. The operator can quickly select from 15 different wire sizes and types stored in Quick-Check's memory. The Check-Tensioning mode graphically displays the current and target tensions for extremely quick setting of line tension. Even the infrequent battery changes are quick.

## Broad Application

The Quick-Check can be employed in many industries to ensure proper tensioning. Typical applications include tower and stack guy wires, pretensioned cable barriers, bridges, elevators, winch rope, prestressed concrete, aircraft cables and utilities.

## Specifications

**Tension capacities:**
2000 lb/10 kN/1000 kg
8000 lb/35 kN/3500 kg

**Wire sizes:** 3/16 inch through 3/4 inch

**Accuracy:** ± 3% instrument capacity (calibrated to specific wire size & type ± 5% with same wire diameter as calibrated but different wire type)

**Number of calibrations:**
Up to 15 can be stored independently

**Operating range:**
-4°F to 140°F (-20°C to 60°C)

**Loading error:**
Cable elongation of only 0.08 inch (2mm)

**Display:** Dot-graphic LCD display supports full text and 1 inch high digits.

**Sheave range:** Sheave accommodates rated wire size and 1/2" smaller. Sheaves are not compatible with larger wire sizes – order additional sheaves for wire sizes.

**Suggested wire calibrations:**
Calibrate each wire diameter needed with the most appropriate sheaves. If two wire types are used of the same diameter (e.g. ½" 7x7 and ½" 6x19), calibrate each type independently if accuracy is critical.

**Environment protection:**
Suitable for continued outdoor use.

**Tension units of measure:**
pound-force, kilogram force, Newtons

**Resolution:** configurable low/med/high

**Recalibration:** At user discretion. Commonly 24 months but should be more frequently with heavy use. Factory recalibrations conducted typically in 2-4 days. On-site recalibration may be possible through your Dillon distributor.

**Size:** 10 x 23 x 3 inch (25 x 59 x 8 cm)

**Weight:** Approx 11 lb (5 kg)

*Dillon also manufactures highly accurate tensiometers, mechanical dynamometers and crane scales, as well as the EDxtreme, a full featured, precision electronic dynamometer with radio communications capability (right).*