GIGASENSE

Vision ZERO accidents in the industry

Keeping people and equipment safe since 1951

ROPE TENSION METER

The Rope Tension Meter is the perfect instrument for swift and handy testing in applications where accurate measurement in pre-loaded wire ropes is required.

The RTMe is applied directly to the rope and you can save up to 20 different ropes and multipoint measured values. You can easily toggle between readout in kN, tonne, lbs, DaN, USt and more.

Quality | Maintenance free | Robust | Plug & Play

ROPE TENSION METER

Range of application

The RTMe is designed to measure the tension in fixed, stationary ropes or cables such as railway catenaries, guy wires for masts, towers or other guyed constructions. The RTMe can be used to measure tension forces up to 20 metric ton and for wire ropes with a diameter up to 42 mm.

Function

The RTMe is very user-friendly and easy to operate. Simply hold and ”clip” it to the rope/wire and use the large ergonomically designed hand-screw to deflect the rope to a fixed angle.

The RTMe comes in two versions, one aimed for lower capacity measurements up to 5 metric ton, and one aimed for a higher range up to 20 metric ton.

Safety

The RTMe can temporarily be overloaded with 100% of its nominal capacity without affecting the accuracy.
The ergonomic design facilitates handling in challenging work environments.

The RTMe is delivered in a robust and light weight transport case, 760 x 400 x 170 mm (30 x 16 x 7 inch) for easy handling and protection of the instrument.

Technical data

Capacity
5 & 20 metric ton
11023 & 44092 lb

Dimensions
135 x 380 x 685 mm
5.3 x 15 x 27 inch

Weight
6 kg
13.22 lb

Accuracy
Up to maximum ±2 % for Steel ropes and ±6 % for Copper ropes

Rope diameters
From 6 mm up to 42 mm
From 0.24 inch up to 1.65 inch

Battery
Rechargeable 1-cell lithium-ion battery, 3.7 V 850 mAh

Operating time
60 hours at full charge

Protection class
IP 65

Temperature range
-20°C to +60°C
-4°F to +140°F

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GIGASENSE

Gigasense products within Force Measurement and Crane Safety are well known high quality products, built from many years' experience and used by leading heavy duty industry around the world.

Gigasense products meet the highest demands of performance level requirements.

Gigasense are represented by selected local distributors in more than 30 countries on six continents.

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