GIGASENSE

Vision ZERO accidents in the industry

Keeping people and equipment safe since 1951

DYNAMOMETER

The Gigasense Dynamometer is excellent for measurement and control of tension forces and weight, where accuracy, reliability and safety in all conditions is required.
The Gigasense Dynamometer conforms to international safety standards.

Quality | Maintenance free | Robust | Plug & Play

DYNAMOMETER

Range of application

The Gigasense Dynamometer is an all-weather instrument, equally suitable for use in the laboratory as in the field for weighing and measuring mechanical tension forces. As an option, it is available with polyurethane-lacquering for use in very corrosive environment.

Function

The pull rod movement operates the scale drum through a square thread stem. The power-absorbing element consists of specially made spring washers, designed to be entirely free from wear.

The spring washers are designed to resist overload.

The Dynamometer can be overloaded with 100% without affecting the accuracy.

The Dynamometer can be equipped for remote reading or contact functions with micro switches.

Safety

The Dynamometer has a safety factor of 5:1. It is guaranteed to withstand a load of 5 times full scale reading before rupture.

The Dynamometers have drop-forged steel eye brackets, giving a guaranteed impact resistance down to -20 degrees C.

Technical data

Capacity
250-10 000 kg
551-22046 lb

Inaccuracy
±0.6% of the max capacity

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

Tareing
Approx. 10% of the full scale

Scale
Can be graduated in kg, kp, N, lb, cwt

Protection class
IP 67

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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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