

CLY 940 300029
12kN Dynamometer

For the measurement and control of tension forces and weight, where accuracy, reliability and safety in all conditions are required. Conforms to the International Standards for Safety Inspectorates.

This Dynamometer is an all weather instrument, equally suitable for use in the Laboratory as out in the field for Weighing and measuring mechanical Tension Forces.

Function

The pull rod movement operates the scale drum through a square thread stem. The power-absorbing element consists of specially made Belleville type spring washers, so designed as to be entirely free from wear. The spring washers cannot be overloaded. The Dynamometer can be overloaded with 100% without affecting the accuracy.



Safety

The Dynamometer has a safety factor 5:1 (Guaranteed to withstand a load of 5 times full scale reading before rupture.) The resistance to rupture is tested by the NSMT.

The Dynamometers feature a guaranteed impact resistance down to -20 degrees C. The Dynamometer is approved by the National Board of Occupational Safety and Health for integral connection in the carrying system of a lifting device and for weighing of test loads in connection with inspection.

Accuracy	$\pm 0.6\%$ Of The Max. Capacity
Working Temp.	Max. +60°C
Protection Class	IP 67, IEC 529

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