

TM SERIES

BENCH TORSIOMETER



This torque meter has a touch screen computer for running test recipes. Freestanding and self-bearing models are available.

Simple use

Once the test recipes have been created, tests can be run with a simple start command. The machine can be equipped with one, two or three load cells, always ready for use, installed on a revolving turret and selectable via the software.

Simple programming

The machine can be used in either manual, semi-automatic or automatic mode.

Programming is achieved using the "EasyQS" multilingual software developed by Easydur and running on Windows 10.

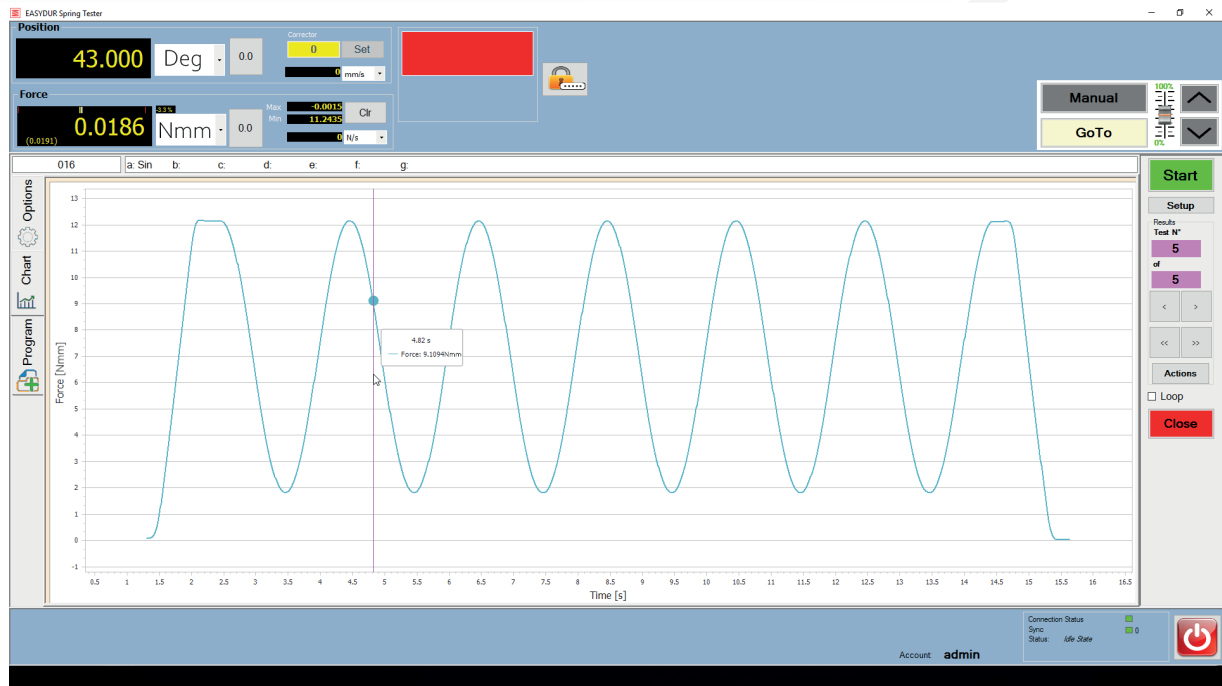
Technical characteristics:

- Suitable for carrying out tests on springs and elastic elements
- Suitable for carrying out breaking tests on steel or plastics, with modulus of elasticity calculation
- Automatic reset
- Media, sigma, Gaussian curves, CP, CPK...
- Measure with direct graphic reading
- Spring hysteresis measurement
- 3-D diagrams (angle / time / torque)
- Programmable measurement units
- Interface for external data acquisition from gauges and other instruments
- Electronic handle for manual displacements – precision equal to 0.1° – or file management
- Programme for free angles, forces and positions, cyclic tests, stress, fatigue, break.
- Integrated compact industrial computer, HD, touch screen, integrated network card, USB port

Working capacity (Nm)	100	200	500	1.000	2.000	5.000	10.000	20.000	50.000	60.000	80.000
Minimum division (Nm)	0,003	0,006	0,015	0,03	0,06	0,15	0,31	0,61	1,56	1,87	2,5
Max measurable diameter	Standard 200mm, upper undefined								Standard 500mm upper undefined		
Working side girders	Standard 200mm upper undefined			Standard 500mm, upper undefined							
Revolutions	Infinite										
Min angular division	0,1°										
Power supply	230/110V								400V		

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INDUSTRY 4.0

