

Torsion bench TWIST

In order to get a precise and repeatable torque measurement, it is often necessary to use a torsion bench.

The torque gauge allows torsion tests of various samples such as springs and metal or plastic parts.



Technical features

- ✓ The torque gauge is made of a rigid horizontal frame with two rails that assure precision guides.
- ✓ Two working attachments supporting vertical plates are mounted on the frame.
- ✓ Thanks to its ability to read two sensors simultaneously at an acquisition speed of 1,000 hertz, the CENTOR Dual is the ideal testing console to use with the TWIST.
- ✓ Its features allow to simultaneously record values from two different channels, to monitor tolerance levels and to make calculations on each channel.
- ✓ It displays a Torque / Angle curve on the screen.
- ✓ It is the most complete and simplest system available for a wide range of torsion tests in the lab or on the production floor.

Options:

- Gripping chucks

MODEL	TWIST 1	TWIST 6	TWIST 12	TWIST 24	TWIST 60
Capacity	10 lbFin	50 lbFin	100 lbFin	200 lbFin	500 lbFin
Torque resolution	1 mNm	5 mNm	10 mNm	20 mNm	50 mNm
Angle resolution	0,1°	0,1°	0,1°	0,1°	0,1°
Space between plates	7.8 in	7.8 in	7.8 in	7.8 in	7.8 in
Overall dimensions (in)	Height: 12 Width: 8 Length: 20	Height: 12 Width: 8 Length: 20	Height: 12 Width: 8 Length: 20	Height: 12 Width: 8 Length: 20	Height: 12 Width: 8 Length: 20