



# TWIST Manual Torsion tester



## High accuracy manual torsion test bench

To carry out accurate, repeatable and versatile torque measurements, ANDILOG offers its manual torsion tester TWIST. Available from 1 to 60Nm, the torque test bench benefits from the latest innovations of our advanced Centor Touch technologies. In real time get the measurements, display and graphic of torque, rotational displacement (angle) and curve of your tests.

The TWIST can be configured to test many parts, thanks to its smart pair of circular platen. The torsion meter enables torsion tests to be made on various samples such as springs, metal or plastic parts.

The torsion test bench TWIST is made up of a horizontal, solid base frame, with two rails to provide precision guidance. It is rugged enough to excel in any testing environment.

Thanks to its ability to read two sensors at the same time, torque and rotational displacement, the Centor Touch Dual makes an ideal test console for the Twist test stand. Its calculating power enables it to record values coming from two different sensors simultaneously, monitor the set points and make a calculation for each channel. On its

display, it shows a Torque/Angle graph curve. Calculations as statistical (mean, standard deviation), peak, and torque values at rotational displacement are some examples of the preset calculations included in the CENTOR TOUCH display.

The TWIST manual torsion tester is a versatile tester and allow you to switch from one torque sensor to another thank to its plug and play technologies, allowing for a single tester to test a wide range of capacities.

It provides the simplest, most versatile system for dealing with the most wide ranging torsion tests in the workshop or in the laboratory.



### Standard Features

FEATURES	TWIST
Units	Nm, mNm, Kgcm, lbin
Bargraph	√
Clockwise and counterclockwise	√
Plot graph: Torque/Angle	√
Programmable set points	√
Tare feature	√
Statistical calculations	√
Automatic calculations	√
Auto Off	√
Memory	1000 values per channel, 1 curve
Output	USB, Bluetooth, RS232
Overload protection	200%
Automatic recognition of additional sensor	√
Manual operation	√
Custom tooling	Option

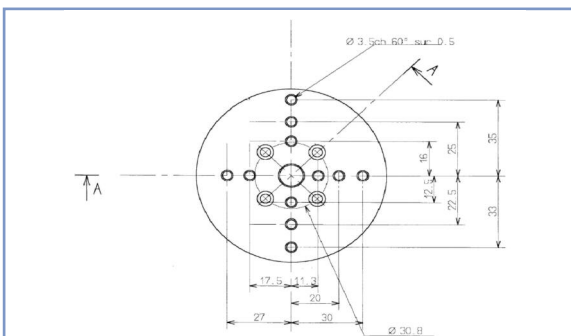
### Model and Capacity

FEATURES	TWIST 1	TWIST 6	TWIST 12	TWIST 24
Capacity	1Nm	6Nm	12Nm	24Nm
Torque Accuracy	5 mNm	30mNm	60mNm	120mNm
Torque resolution	0.1 mNm	0.6 mNm	1 mNm	2 mNm
Angle resolution	0.1°	0.1°	0.1°	0.1°
Platen dimensions	80mm	80mm	80mm	80mm
Space between platen	200mm	200mm	200mm	200mm
Overall dimensions	300x200x500mm	300x200x500mm	300x200x500mm	300x200x500mm
Weight	15Kg	15Kg	15Kg	15Kg
Power	110/220V	110/220V	110/220V	110/220V

#### System includes :

- Horizontal Test bench TWIST
- Table Top display CENTOR TOUCH DUAL
- Torque sensor
- Pair of platen
- COFRAC traceable certificate of calibration

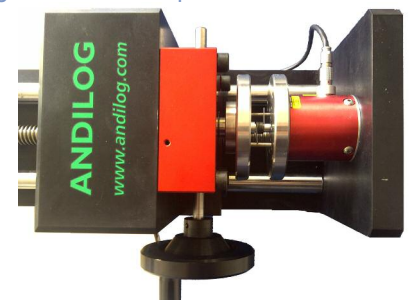
### Platen dimensions



With the universal pair of platen supplies with the TWIST tester, you can test many parts.

### SPRINGTWIST additional feature

Dedicated to measure torsion springs, the manual torque tester SPRINGTWIST is a complete package supplied ready to measure. The package SPRINGTWIST device comes with a custom tooling, designed according to the specifications and dimension of your spring. The SPRINGTWIST is supplied with all the accessories needed for your test: support for the spring, drive pins and pair of platens.



ISO 9001:2008 certified

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