

T-50



Table Top Model - 300mm Body Length



Floor Standing Model 500mm Body Length

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Specifications

- Torque Capacity 50000Nmm (50NM) (442.5lbf.in)
- Torque Resolution 1Nmm (0.00885lbf.in)
- Recommended minimum Torque: 500Nmm (4.425lbf.in)
- Torque Accuracy 5Nmm at 500Nmm (± 0.04425 lbf.in at 4.425lbf.in) and better than ± 500 Nmm at 50000Nmm (± 4.425 lbf.in at 442.5lbf.in)

Torque

- Secondary Load Cell Possibilities:

Torque Cell Type	Torque Capacity		Torque Resolution		Torque Accuracy at 1% of Range	
	NM	Lbf.in	NM	Lbf.in	\pm NM	\pm lbf.in
20	20	177	0.0004	0.0035	0.002	0.0177
5	5	44.25	0.0001	0.000875	0.0005	0.004425
2	2	17.7	0.00004	0.00035	0.0002	0.00177
0.500	0.500	4.425	0.00001	0.000088	0.00005	0.000443
0.010	0.01	0.088	0.000002	0.000002	0.000005	0.000048

Angular Rotation

- Resolution: 0.0036°
- Accuracy: $\pm 0.1^\circ$
- Absolute display of angle from -50000 to 50000°. Angle zeroed anywhere in this range. Test angle absolute or from free position.

Fixtures

- Testing fixture with 4 pin hole

Body Length OD

- 300mm (12") Standard
- 500mm (20") 2000mm (80") optional
- 120mm (4.7") Maximum

Computer

- 3GHz (minimum) Dual Core processor
- 23" Monitor or Larger
- USB port for PC data transfer
- Fully Microsoft Windows 10 or newer compatible)

Languages

- English, German, Turkish

Software Features

- Active Torquecell Electronically Identified
- Programmable for automated testing, including spring rate results.
- Full reporting and printing capability available.
- SPC control charts available.
- Smart self calibration routines
- Automatic or manual determination of torsion rate (linear analysis)
- Fatigue testing algorithm

Units

- Nm, Nmm, kgf-m, gf-mm, kgf-cm, ozf-in, lbf-in and angles in degrees or revolutions

Test speeds

- 0 – 200 RPM, 12 distinct speed settings available) Speed controlled and not effected by load

Dimensions

- 900mm x 590mm x 690mm (35.43"x23.22"x27.2") – LxBxH
- Weight 120kg (264lbs)
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Power

120-240VAC, Single Phase, 14Amps