

T-200



2000mm body length Model



500mm body length Model



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Specifications

- Torque Capacity 200000Nmm (200NM)** (1770lbf.in)
- Torque Resolution 4Nmm** (0.0354lbf.in)
- Recommended minimum Torque: 2000Nmm, 2NM**(17.7lbf.in)
- Torque Accuracy ± 20 Nmm at 2000Nmm** (± 0.177 lbf.in at 17.7lbf.in) and better than ± 2000 Nmm at 200000Nmm .(± 17.7 lbf.in at 1770.0lbf.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**
- 170mm (6.7") 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 – 130 RPM, 12 distinct speed settings available) Speed controlled and not effected by load**

Dimensions

- 900mm x 590mm x 1400 mm (35.43"x23.22"x 55") – LxBxH (include floor standing model with Screen (500mm bodylength Model)**
- Weight 220kg (484lbs)**

Power

- 120-240VAC, Single Phase, 14Amps**