



With the increasing sophistication of machinery, proper torquing of nuts, bolts, screws etc., has become very important. Various types of Torque Wrenches are available to achieve the prescribed tightening. To ensure that torquing tools are within specifications, they should be periodically checked on a torque tester.

The Hydraulic Torque Tester provided by Hytech Micro Measurements are available for testing of various tools from 4000 Nm to 32000 Nm.

We also provide customised and computerised torque testing solutions.

Technical Specification

Torque Transducer

Make	: HMM-Hytech
Type	: Strain Gauge Board
Calibrated Range	: 10 – 100% of Full Scale, Bi-directional
Mounting	: On Mounting Plate
MOC	: Tool Steel
Overload Protection	: 150% bi-directional
Square Drive	: 1 1/2 " Female
Accuracy	: $\pm 0.5\%$ FSD
Input	: 5 VDC
Output	: 10 MVDC $\pm 10\%$
Linearity	: Better than 1%
Hysteresis	: 0.5%

Signal Conditioner with Digital Indicator

Make	: HMM-Hytech
Display	: MICRO DAQ-10
Display Type	: 16 x 2 LCD
Operating Temperature	: 0 – 600 C
Accuracy	: ± 1 Digit
Power Input	: 220 VAC 10%
Operating Modes	: Track, Peak
Alarm Limit	: User Selectable
Memory	: Data Storage up to 500 readings
Data Output (Optional)	: RS 232 Port

Ranges

Capacity	Least Count (Nm)
0-4000 Nm	- 2 Nm
0-8000 Nm	- 4 Nm
0-16000 Nm	- 8 Nm
0-32000 Nm	- 10 Nm

- ✓ Warranty will be 12 Months from the date of commissioning.
- ✓ Calibration will be traceable to National Standards.



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