

TWC BENCH TORQUE WRENCH LOADER

The Norbar TWC series includes a calibration bench available in both manual and automated operation modes.

Calibration Bench Features:

- Two-speed transmission ensures both sufficient speed for torque wrench loading and slower, controlled speed for precise load regulation.
- During loading, the TWC calibration bench maintains the torque wrench's position securely.
- Rotational motion is directed to the torque sensor, ensuring torque is evenly transferred to the torque wrench handle. This results in a consistent load application throughout calibration.
- Lightweight metal frame allows the TWC calibration bench to be easily moved according to user needs.
- Meets the ISO 6789-2:2017 standard requirements for torque wrench calibration.
- Patented counterbalance support for the torque wrench keeps the wrench in place during loading, minimizing unfavorable forces caused by misalignment.
- Compatible with Norbar's flange-mounted (FMT) and static torque sensor models when used with accessory 60318 and with the Pro-Test measuring device when used with accessory 60323



Special Features of the Automatic Version:

- Touchscreen-operated system with preset tool templates for easy and quick use.
- ISO 6789:2017-compliant workflow processes guide the user through the testing and calibration process. Intelligent motor servo control enables fast operation while meeting the standard's speed requirements for loading.
- Integrated sensor for measuring ambient conditions (temperature/humidity).
- Built-in management system for uncertainty calculations required by ISO 6789-2:2017, along with test reports and calibration certificate printing.
- Significant internal storage capacity for archiving years' worth of calibration data for traceability.



Item	Torque Range Nm	Lengths mm		Dimensions mm					Weight kg
		Min	Max	A	B	C	D	E	
60331 (Manual)	1 - 400	135	750	620	330	395	487	1 010	35
60312 (Automatic)	1 - 400	135	750	620	330	395	-	1 019	40
60332 (Manual)	1 - 1 500	135	1 500	620	330	395	487	1 760	40
60313 (Automatic)	1 - 1 500	135	1 500	620	330	395	-	1 769	45

