



SURETEST Torque Calibration System

SURETEST™ Calibration System

The SURETEST is a laboratory grade instrument which captures torque measurements with a user friendly interface. It features a large LCD graphical display. It may be used with a single transducer or can be used as the principal component of a Torque Calibration System. The SURETEST features versatile data acquisition capabilities including measurement storage, retrieval, statistical analysis and automatic downloading to an external printer/computer. The SURETEST stores, recalls and downloads up to 3000 torque readings. The system provides readings with an accuracy of $\pm .25\%$ of indicated value and features multiple languages: English, Spanish, French, Japanese and German.



The SURETEST Torque Calibration System may be ordered in three different combinations. The "Premier", the "Supreme" and the "Basic" systems are described on the following pages.

In addition, you may order any component separately to build your own "custom" system.

FEATURES:

- Large LCD graphical display
- Five built-in languages
- Date and time stamp
- Dual RS-232 ports, analog output
- SPC built-in
- Automatic downloading
- Accuracy: $\pm 0.25\%$ of indicated value, CW & CCW, from 10% to 100% of full scale
- Transducers available from 5 in. ozs. to 2000 ft. lbs. of torque
- All transducers are "Smart" (Plug and Play)
- Readout in eight different engineering units
- Stores and recalls 3000 torque values (Date & Time)
- Fully automatic voltage input adaptation (100 - 240 VAC input)
- Data is saved when SURETEST is turned off
- All transducers supplied with certification
- All transducers are individually serialized with matching certificate of calibration traceable to N.I.S.T.



Set-up is quick and easy utilizing soft touch keys.



SURETEST™ "Premier" Calibration System

CDI's All Inclusive Torque Calibration System

Part Number 5000-1

FEATURES:

- Our most comprehensive system for torque calibration
- Calibrates torque wrenches up to 2000 ft. lbs.
- Accuracy: $\pm 0.25\%$ of indicated value, CW & CCW, from 10% to 100% of full scale
- Includes the easy-to-use 4-in-1 transducer kit
- Five single transducers expand the range of torque from 5 in. oz. through 2000 ft. lbs.
- Includes torque screwdriver testing kit
- Automatic safety feature locks system to prevent overloading and possible damage to transducers
- Displays eight units of torque measurement
- Also includes a calibration stand and all necessary calibration wheels, arms, weights and trays
- Downloading software included



Easy, quick change transducers.



SURETEST™ "Premier" Calibration System, Continued

The World's Most Complete Torque Calibration System...

Part Number 5000-1 consists of the following:

Part No.	Description
5000-ST	SURETEST Monitor
2000-600-02	Mechanical Loader
2000-100-02	Roller Cabinet
2000-400-02	4 in 1 Transducer Kit, 4 in. lbs. to 250 ft. lbs.
2000-500-02	4 In 1 Transducer Adapter Kit
2000-4-02	Transducer Range From 5 - 50 in. ozs.
2000-5-02	Transducer Range From 15 - 200 in. ozs.
2000-12-02	Transducer Range From 60 - 600 ft. lbs.
2000-13-02	Transducer Range From 100 - 1000 ft. lbs.
2000-14-02	Transducer Range From 200 - 2000 ft. lbs.

Part No.	Description
2000-550-02	Extension Arm Kit for Long Torque Wrenches
900-0-1KIT	Joint Rate Simulator 50 in. lbs. capacity
900-2-01KIT	Joint Rate Simulator 400 in. lbs. capacity
900-3-01KIT	Joint Rate Simulator 1000 in. lbs. capacity
2000-750-02	Torque Screwdriver Testing Kit
2000-320-0	No. 1 Weight Set
2500-50-0	2-1/2" Calibration Wheel
2000-151-0	5" Calibration Wheel
2000-152-0	10" Butterfly Wheel
2000-154-0	40" Calibration Arm
390-2-2	4 oz. Weight Hanger
2000-301	8 oz. Weight Hanger
2000-304-0	7.5 lb. Weight Hanger
2000-302-0	15 lb. Weight Hanger
2000-303-0	50 lb. Weight Hanger
2000-250-02	Calibration Stand Kit
2000-SW	PC Software
2000-50-2	Cable from SURETEST to external printer
2000-50-1	Cable from SURETEST to PC

Extension Arm for Long Torque Wrenches

Calibration Arms and Wheels



Calibration Weights and Trays

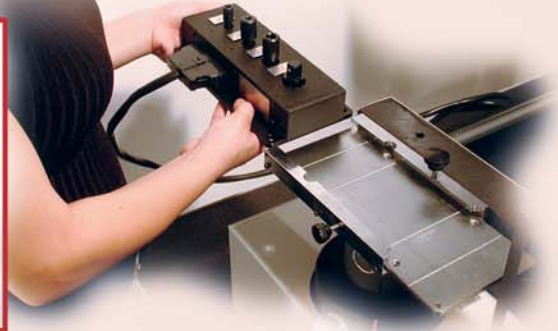
SURETEST™ “Supreme” Calibration System

CDI’s Mid-Range Torque System

Listed below are all of the components to CDI’s “Supreme” SURETEST Torque Calibration System. This mid-range torque system has a range from 5 in. ozs. to 2000 ft. lbs. Choose SURETEST for unsurpassed accuracy and reliability in a torque calibration system. Also includes an extension arm for long torque wrenches and 3 joint rate simulators for testing power tools.* PC compatible software and cables are included.



Joint Rate Simulator



4 in 1 Transducer Slides Easily into Adapter Kit



2000 ft. lb. Transducer

Part Number 5000-2 consists of the following:

Part No.	Description
5000-ST	SURETEST Monitor
2000-600-02	Mechanical Loader 2000 ft. lb. capacity
2000-100-02	Roller Cabinet
2000-400-02	4 in 1 Transducer Kit, 4 in. lbs. to 250 ft. lbs.
2000-500-02	4 In 1 Transducer Adapter Kit
2000-4-02	Transducer Range From 5 - 50 in. ozs.
2000-5-02	Transducer Range From 15 - 200 in. ozs.
2000-12-02	Transducer Range From 60 - 600 ft. lbs.
2000-13-02	Transducer Range From 100 - 1000 ft. lbs.
2000-14-02	Transducer Range From 200 - 2000 ft. lbs.
2000-550-02	Extension Arm Kit For Long Torque Wrenches
900-0-1KIT	Joint Rate Simulator 50 in. lbs. capacity
900-2-01KIT	Joint Rate Simulator 400 in. lbs. capacity
900-3-01KIT	Joint Rate Simulator 1000 in. lbs. capacity
2000-SW	PC Software
2000-50-2	Cable from SURETEST to external printer
2000-50-1	Cable from SURETEST to PC

* Not for use with impact and pulse tools.

Additional components may be ordered separately, see pages 14 & 15.

SURETEST™ "Basic" Calibration System

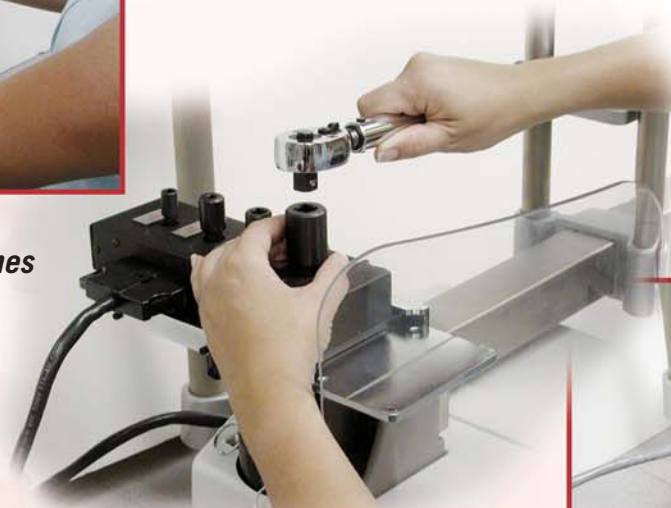
CDI's "Build Your Own"

Torque Calibration System.

Listed below are all of the components to CDI's "Basic" SURETEST Calibration System. This is our "build your own" system, by itself is capable of calibrating torque tools from 4 in. lbs. up to 600 ft. lbs. The set includes our 4 in 1 Transducer, adapter, 600 ft. lb. transducer, loader and monitor.



Telescoping Arm extends to accommodate 600 ft. lbs. wrenches



4 in 1 Transducer with Adapter Kit



Quick Release Pins make changing transducers a snap

Part Number 5000-3 consists of the following:

Part No.	Description
5000-ST	SURETEST Monitor
600TL	Mechanical Loader 600 ft. lb. capacity
2000-400-02	4 in 1 Transducer Kit, 4 in. lbs. to 250 ft. lbs.
2000-500-02	4 In 1 Transducer Adapter Kit
2000-12-02	Transducer, Range 60 - 600 ft. lbs.

Additional components may be ordered separately, see pages 14 & 15.