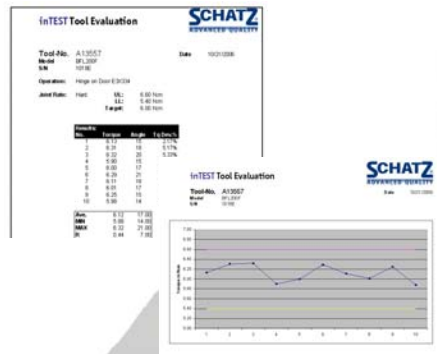


Evaluation Software

Several software packages are available meeting your requirements for test planning and documentation.

inTEST Plus an EXCEL based evaluation software stores all test results, calculates numerical and graphical evaluations and has capabilities to print or email your quality data.



The advanced **CEUS 8.1** risk management network software gives you the high end tools for a complete strategic quality organization.

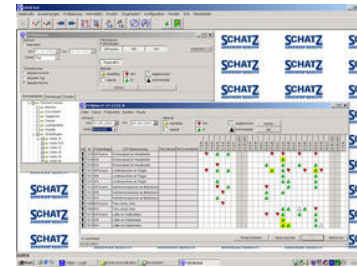
Integrated tool tracking organizes the proper tools for specific assembly operations. Different test strategies can be selected depending on classification of the operation. A sophisticated test



SOFTWARE

planning module shows all quality data of tools at a glance. Different test periods can be considered and alerts the operator when tools have to be tested or are overdue.

The ultimate solution increasing quality and reducing testing costs.



Ask your SCHATZ product specialist about details of available software. We work together with you finding the right solution meeting your requirements.

Calibration / Maintenance

SCHATZ USA Inc. offers calibration as well as maintenance service on-site.

Our calibration laboratory sends trained specialists to your plant assuring the traceability to a national standard (e.g. NIST).

We calibrate the complete system as it is used, not only components.

This is important to consider all system and environmental influences in the total accuracy!

Regular maintenance service keeps the system accurate and functional to secure your quality requirements.

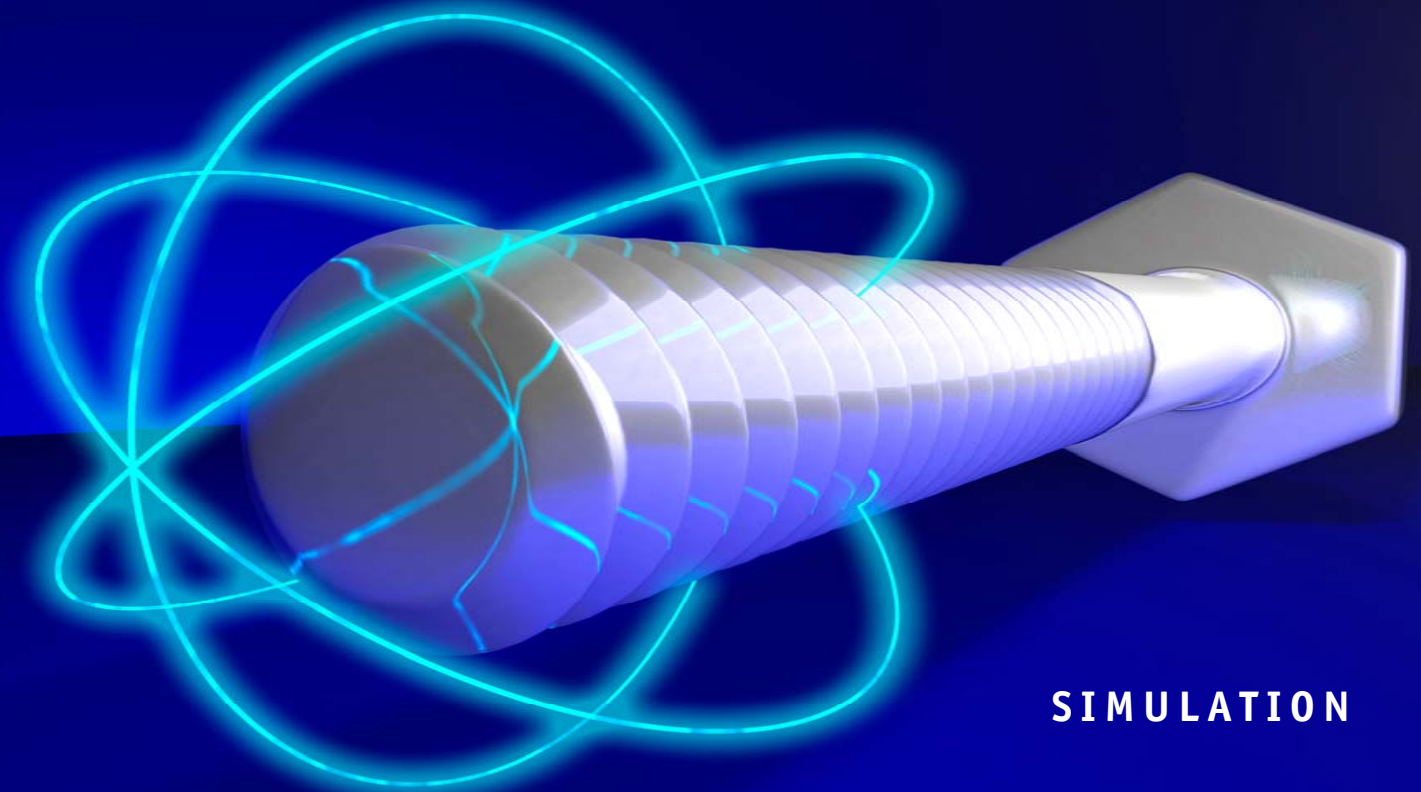
Training classes on-site will teach your operators not only the correct use of the system, but also answers

SERVICE

questions about tool certification and ISO requirements.

Take advantage of a unique service !

SCHATZ USA Inc.
7050 Big Sky Drive—Unit E
Holly, MI 48442
Phone: (248) 369-8661
Email: sales@schatz-usa.com
Internet: www.schatz-usa.com



SIMULATION

SOFTWARE HARDWARE SERVICE

SCHATZ®-inTEST

Automatic Tool Test and Certification:
Joint Simulation and Immediate Quality Data!
Optimize Quality, Costs and Time.



SCHATZ®
ADVANCED QUALITY



SCHATZ@inTEST—the advanced system for testing and certifying tools.

Built-in dynamic joint simulators reproduce the joint characteristic for hard, medium and soft joints or anything in between.

Just run the tool on the joint simulator.

inTEST recognizes automatically start and end of measurement. The brake system releases after each test. There is no need to back off the simulator. Just measure again and again and again...

This feature saves time and testing costs compared with ordinary washer sets.

The built in torque angle transducers are equipped with SCHATZ@AUTOCODE. **inTEST** recognizes automatically the selected transducer. No transducer set up necessary. Just switch it on and measure.

Tool Testing

inTEST is capable for:

- Air Tools
- Battery Tools
- DC-Electric Tools
- Pulse Tools

The joint rate can be adjusted easily. No washers have to be changed.

Regulate the joint hardness only by turning a knob. Hard, Medium or Soft joint rates (according to ISO 5393) will be reached easily and **inTEST** automatically saves the torque/angle ratio in the documentation.

Up to 1000 measurement values (SPC version 5000) are stored instantly in the measuring unit and can be displayed on-site or uploaded to the advanced **inTEST** software.

Torque Wrench Testing

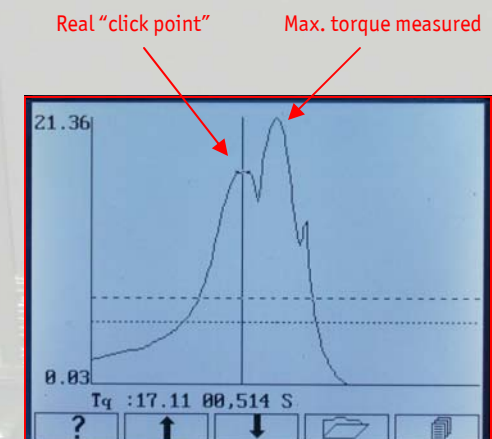
inTEST locks the joint simulators for torque wrench testing.

An important requirement for testing release type wrenches (clickers) is determining the real "click point".

An operator pulls the wrench always beyond this point. This leads

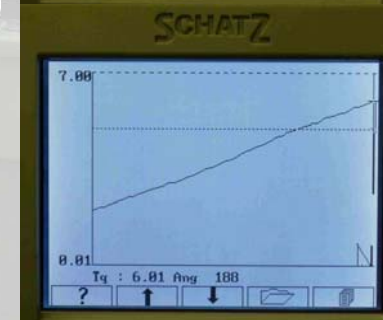
to a wrong adjustment of a torque wrench and results in wrong quality data.

inTEST uses a unique feature to determine the "click point", assuring precise adjustment and documentation.



Large Backlit Display

See torque and angle results immediately. **inTEST** displays most important information in one screen.



Torque/Angle or Torque/Time Graphic

Complete an analysis with the integrated graphic mode. **inTEST** can be set up to display the graph immediately after testing or on demand.

Graphical analysis can provide important information about the tool behavior e.g. to detect a worn out angle head. A cursor can be moved along the graph displaying torque and angle value at a specific point.

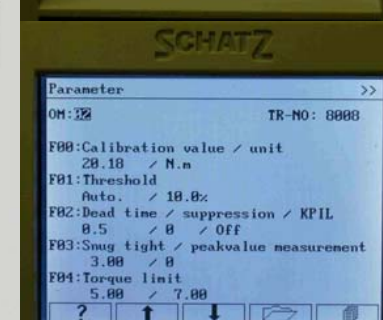


Single Button Statistical Evaluation

A quick statistical evaluation displays the result of the test.

Average torque, Minimum, Maximum, Range, s, 3s, Cm and Cmk are shown after the test is finished or even during the test.

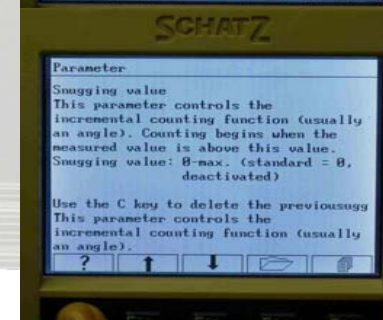
Pushing a single button will inform the operator immediately about the tool quality.



Quick Set Up

All significant test parameters can be set up in a single screen. No need to go through sophisticated menus.

inTEST allows toggling between the measuring and set up screen.



Instructions Built In

Any questions? A quick instruction manual is built in!

Do not waste time looking for an instruction book. The intuitive instruction function offers answers about the function you are using right now.