



FTS Bench : More than a quality check Bench



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Edition 1

HERMES 
THE TOOL COMPANY

Kompania Narzędziowa "HERMES" Sp. z o.o.
ul. Sarni Stok 73 a, 43-300 Bielsko-Biała, Polska; tel: +48 33 821 41 90-91
e-mail: biuro@hermestools.eu www.hermestools.eu



Product presentation

More than a quality bench, we can manage the factory assembly tools with ONLY one Bench, The FTS



- **A 360° quality solutions :**
 - Manage all your product assembly tools with One Bench on full autonomy
 - Reproduce real joint behavior for testing power tool in real conditions
 - Modular / Customize / Full test capacity perform with battery
- **Safety Solution**
 - Authorize wrench test ONLY if the distance with reaction bar is correct
 - Our brake are automatically release if the torque apply is to high
- **Productivity**
 - Automatic Certification ISO6789-1:2017
 - Do 50 tightening on less than 2 minutes and publish your certificate ISO5393 & VDI 2647 & VDI 2645 (Fastest brake of the market)
 - Automatic Value comparison with Open protocol or SCS protocol
 - Use an external transducer to check your Spindle and all other tools
- **Easy to use**
 - Manage all your assembly tools and your certificate
 - Setup a free test in less than 1 minute
 - Manage your joint simulation to check the power tools setup
 - Fully useable without need to connect the bench to the power supply





• A 360° Quality Solution

Audit and Manage all your assembly tools with ONLY one bench

ISO and VDI Certificate

Tool checking Alarm

Root checking (SPC)

Print your test certification

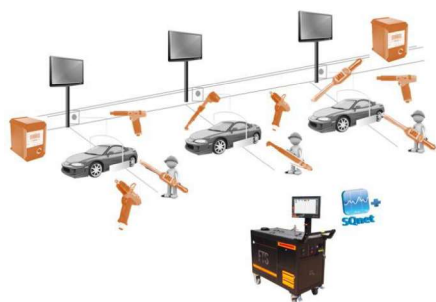
Control and Monitor the performance of your assembly tools

Global overview of your assembly tools

FTS Bench allows you to connect an external transducer to check Multi-spindle machines or Pulse tools



Customized report



Root management



• Safety Solution

The bench automatically detects if the torque set-up to check the wrench is compatible with the length of the reaction bar

Our brakes automatically release if the torque applied is too high



Minimum length check by FTS

• Features

- Test of wrenches (electronic/digital, click), pneumatic, electric and battery tools, pulse tools (except impact wrenches)
- Torque accuracy : 0.5% of the read value
- Angle accuracy : $\pm 1^\circ$ per 360°
- Joint simulation range for brake : 15° to 360°
- Max speed acceptable for brake : up to 2 000 rpm
- Local database with more than 256 Gb of capacity
- Print / Export / Curves
- Barcode reader to select assembly tools
- Statistic analysis
- Autonomy for up to 8 hours
- Motorized wheel (Optional)
- Automatic brake recognition
- Comparative test capability
- Check your assembly tools before integration and during production with the same bench
- FTS bench can perform all types of control using the internal battery





AWT functionalities

Wrench control and certification

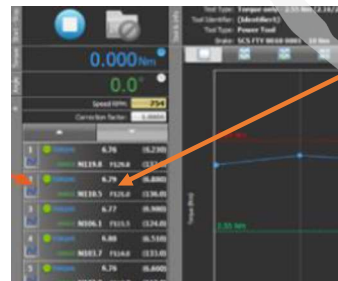


Motorized Transducer

- Automatic wrench test / Certification ISO6789-1:2017 & VDI/VDE2645-2
- Automatic Cm/Cmk statistic analysis
- Compatible with Dial, slip and click wrench tools
- Automatic Value comparison with Open protocol or SCS protocol
- Productivity
 - Improve your productivity with our Automatic wrench test
 - Manage X/R chart and validate wrenches in production line



Automatic ISO6789



Automatic value comparison

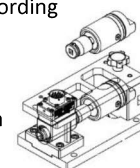
Hybrid bench FTS



Power tools control and certification

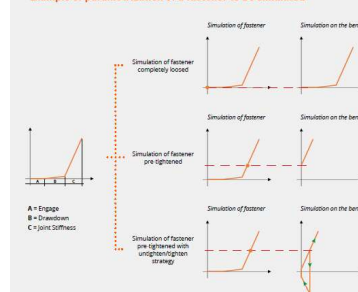


- Dynamic Joint simulation to reproduce assembly joints
- Amazing Joint simulator allows you to conduct **50 tightenings** in less than 2 minutes (Fastest brake on the market)
- Reproduce real joint behavior for testing power tools in real conditions and validate the Multi-step program (According VDI/VDE 2645-2:2014)
- Compatible with all type of tools
 - Spindle with external rotary transducer
 - Impulse tools with our Freedom TH solution



Joint simulation editor

Example of parametrization of a fastener to be simulated



Cm / Cmk following ISO5393





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