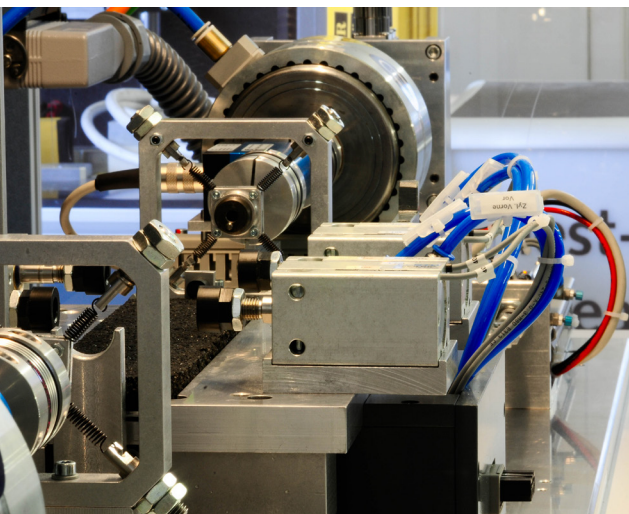


Test & Automation

Test and inspection systems for the highest demands



Perfect quality, reliably tested

Top product quality is no coincidence - it is the result of precise testing processes.

Deutronic's innovative test and inspection systems ensure the quality of your products in every production phase, from the first test to the final test.

Our **customized solutions** are ideal for the reliable testing of electric motors, transformers, circuit boards, control units, sensors and numerous electrical devices.

Whether as a functional test, end-of-line test, burn-in test, optical inspection test system or laboratory test system - our test systems can be seamlessly integrated into existing production processes or used as a stand-alone test station.

Rely on **Deutronic** for state-of-the-art testing technology, maximum flexibility and worldwide quality assurance - everything from a single source.

Your benefits

✓ Individual solutions

Customized test procedures with flexible adaptation to specific requirements, future-proof DTS test software for traceability, documentation and analysis

✓ High reliability

Robust, high-precision measurement technology ensures maximum accuracy and reliability, minimizes malfunctions and guarantees a trouble-free testing process

✓ Competitive advantage

Efficient and automated test procedures enable early fault detection and rapid market launch of standard-compliant products

✓ Cost savings

Optimized processes, less rework and reduced complaints increase your profits

Power



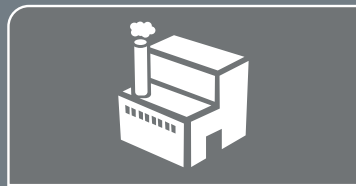
MORE

DEUTRONIC 
EDWANZ group

Automotive & E-Mobility



Industrial electronics & automation



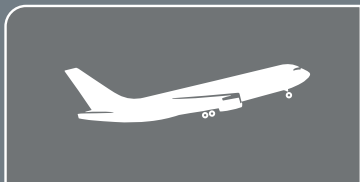
Medical technology



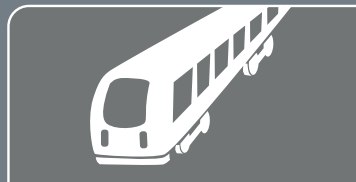
Consumer electronics & appliance



Aerospace industry



Railroad technology & transportation



Military and safety engineering



Our testing and inspection expertise

Safety tests

HV test AC/DC, protective earth and insulation test, leakage current measurement, partial discharge and surge voltage testing, winding test

Functional tests

Voltage and current measurement under load, speed measurement, encoder test, phase shift and angle, power factor, brake test, inductance measurement, capacitance measurement

Performance tests

Power analysis (apparent, active, reactive power), torque measurement

Physical tests

Structure-borne noise testing, calibration of mass flow sensors

Optical tests

2D, 3D image evaluation (component inspection, solder joint inspection, conductor track integrity)



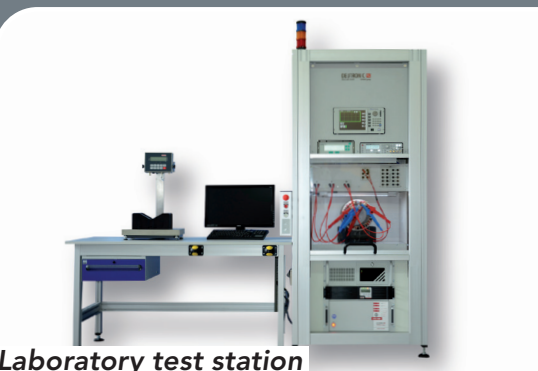
Safety tester

Electronic components and assemblies



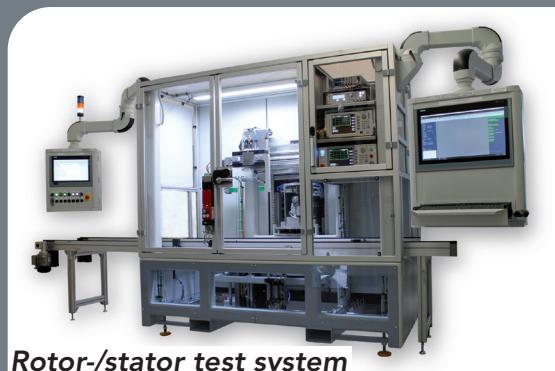
Function test bench

Switches, sensors, cables, relays



Laboratory test station

Laboratory test station for stators



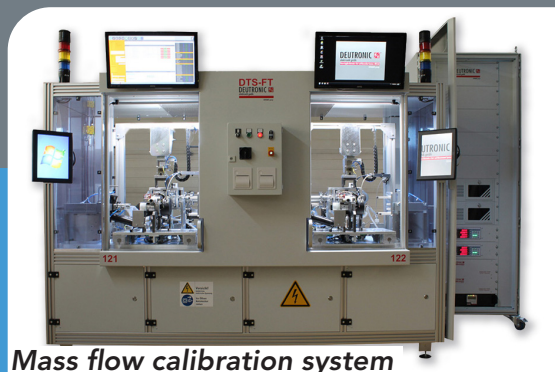
Rotor/stator test system

Fully automated test and inspection systems for electromobility



Electric motor test system

EOL for automotive



Mass flow calibration system

Gas blower, fan



Trafo test system

Large transformers

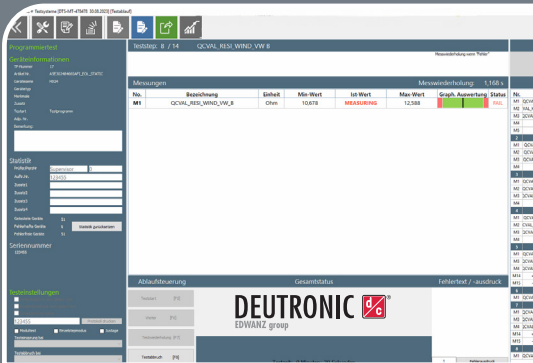


Trafo test system

Small transformers



Test software DTS



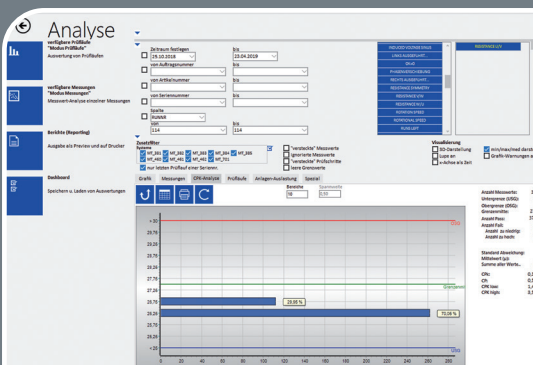
Maximum flexibility: The testing software is suitable for a wide range of testing tasks and can be flexibly adapted to different areas of application

Simple operation: The familiar Windows interface minimizes training time and increases productivity

Seamless integration: DTS can be easily integrated into existing data transmission networks, ensuring smooth data exchange

Secure data management: All relevant measurement data is reliably documented and archived in a modern MySQL database - for complete traceability and long-term data security

Statistics software DTS-Tablo



Efficient analyses: Provides powerful statistical evaluations for tests and measurements to ensure quality standards

Targeted process improvement: Identifies potential for improvement at an early stage and supports continuous optimization of production

Rely on the latest testing technology!

Please contact us
for an individual consultation:

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