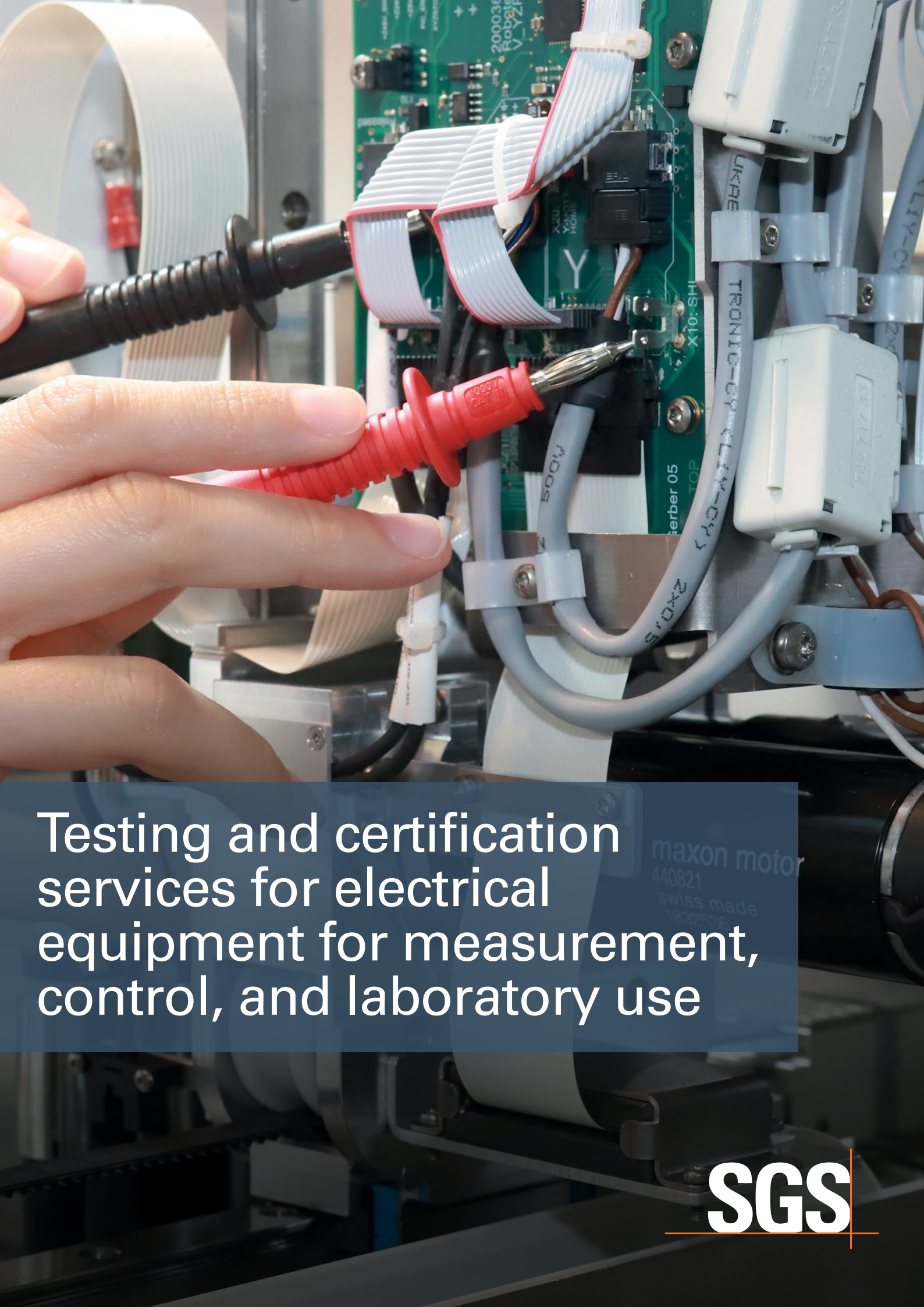
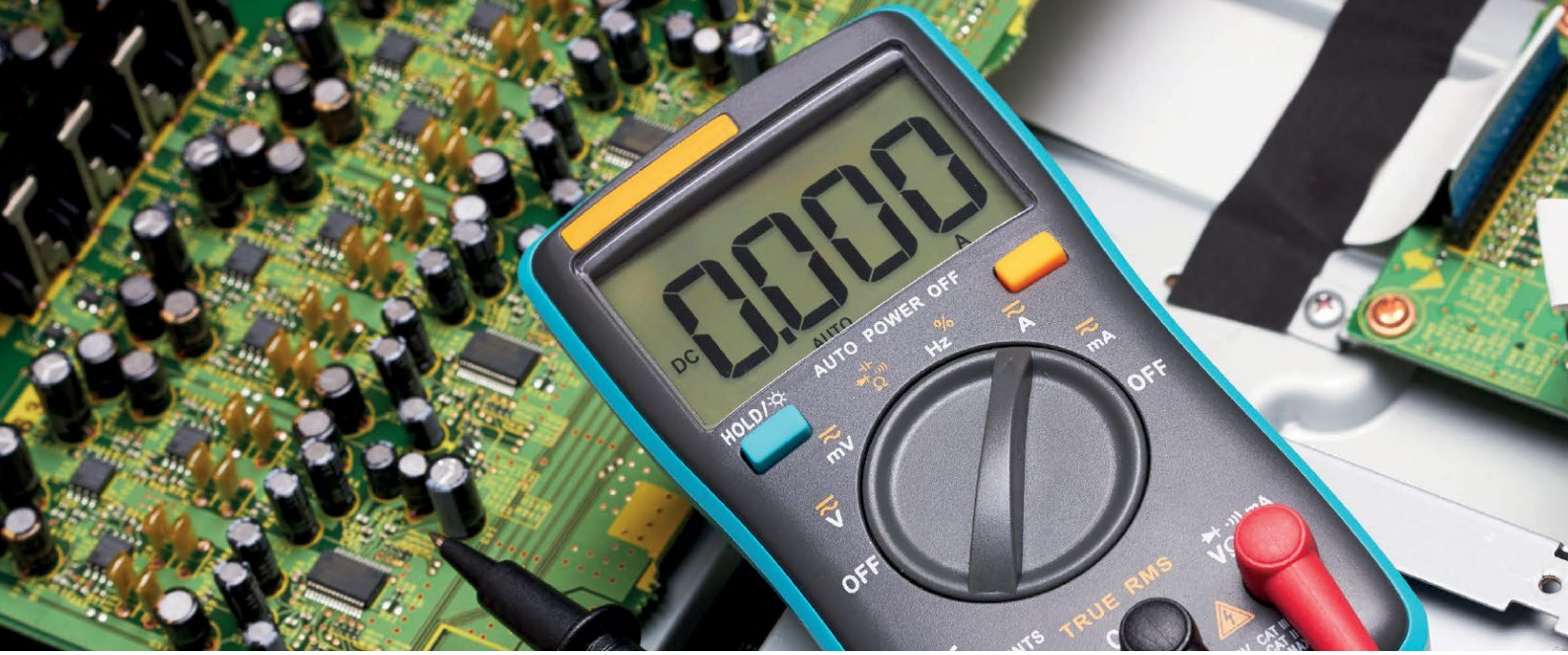


Testing and certification services for electrical equipment for measurement, control, and laboratory use

SGS



Modern electrical equipment for measuring, control, and laboratory use must meet the highest standards for safety, reliability, and electromagnetic compatibility (EMC). Requirements for international markets and regulatory requirements are becoming increasingly stringent.

SGS's testing laboratory in Puchheim, near Munich, accredited according to ISO/IEC 17025 and under the IECEE CB Scheme, supports manufacturers and developers in bringing their products to the global market quickly, efficiently, and in compliance with applicable standards.

OUR SERVICES AT A GLANCE

- Product safety testing
- Electromagnetic compatibility (EMC) testing
- Testing and certification for global market access, e.g., SGS North America
- Environmental simulation testing
- Testing of mechanical stability

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Laboratory equipment, industrial process-control equipment, and specialized measurement equipment must be innovative, compact, and user-friendly, while operating reliably and safely under a wide range of environmental conditions. Our tests services help to ensure that your products fulfill all applicable safety and quality requirements and perform optimally, even under demanding operating conditions.

OUR SERVICES IN DETAIL

PRODUCT SAFETY TESTING ACCORDING TO IEC 61010-1 AND IEC 61010-2-X

Assessment of electrical, thermal, and mechanical hazards to eliminate risks such as electric shock,

burns, or crushing injuries during equipment operation.

EMC TESTING ACCORDING TO IEC 61326-1 AND IEC 61326-2-X

Radiated and conducted emissions and immunity testing, including assessment of integrated wireless technologies.

REVIEW OF PRODUCT-RELATED

documentation, such as user manuals, technical documentation, and risk analyses.

ENVIRONMENTAL SIMULATION AND RELIABILITY TESTING

Simulation of climatic influences (temperature, humidity) and mechanical stresses

(shock and vibration testing), as well as corrosion testing and IP ingress protection testing.

INTERNATIONAL CERTIFICATIONS

As a recognized CB testing laboratory, we issue CB test reports and CB certificates

for our EMC and product safety testing services – a valuable foundation for your international market access. We also offer SGS North America certification for market access to the USA and Canada.

DEVELOPMENT SUPPORT SERVICES

Pre-compliance testing, design reviews, and training on current standards and regulatory requirements.

YOUR BENEFITS WITH SGS

- Testing laboratory accredited to ISO/IEC 17025
- Global network of experts, laboratories, and certification bodies
- Support from development process through to market approval
- Faster access to international markets

With our many years of experience as the world's leading testing, inspection, and certification service provider, we support you throughout the process of successfully bringing your products to market.



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When you need to be sure

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