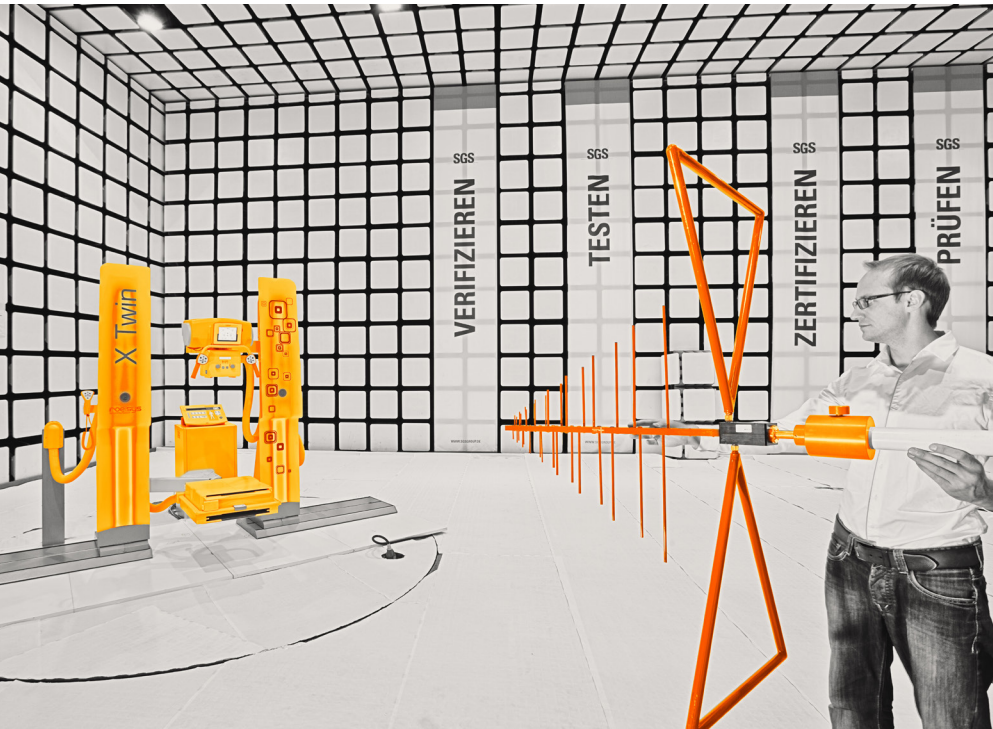


# SGS ELECTRO MEDICAL DEVICES SERVICES

MUNICH  
GERMANY



EMC Chamber Radiated Emission testing of an X-ray System.

## INTRODUCING SGS MUNICH LAB

The SGS Munich Lab was originally founded as Siemens 'Institut für Qualität' in 1921 and became part of SGS Group in 2008. The Munich lab now serves the following key competences for Electro Medical Devices:

- Electromagnetic Compatibility (EMC)
- Product Safety
- Environmental Simulation
- Qualification of Components
- SGSTÜV Saar GmbH
  - Functional Safety
  - Homologation
- Battery Testing

## SGS MUNICH FEATURES

The Munich lab serves as the gateway for services in Germany for Electro Medical Devices. Furthermore, the SGS Munich facility incorporates Test and Simulation labs, covering an area of over 5,500m<sup>2</sup>. Accreditations and approvals received by this facility include:

- DIN EN ISO/IEC 17025
- CBTL - Testlab
- FCC CAB approval
- KBA Notification (e/E Mark)

## KEY TYPES OF SERVICES



EMC Chamber ESD testing of an X-ray System.

Our SGS Labs in Germany offer a range of services including:

- EMC Testing e.g. IEC EN 60601-1-2, IEC EN 61326 (10m chamber, 2 x 3m Chamber, 3 x shielded room)
- Product Safety Testing e.g. 60601-x Series, IEC EN 61010, IEC EN 60825-1
- Environmental Simulation Testing
- Functional Safety e.g. IEC EN 62304, IEC EN 61508, ISO 26262, ISO13849/IEC EN 62061
- RoHS & WEEE
- Notified Body and Quality Management System (9001, 13485) CE0120, CE0598
- MTBF Calculation, FIT Rates (IEC EN 61709, SN 29500, MIL-HDBK-217F,..)
- Failure and Damage Analysis
- Biocompatibility Testing (e.g. ISO 10993), Microbiological Tests
- Validation of Cleaning, Reprocessing and Sterilisation
- Virological Testing
- Stability Testing of Packages and Materials

Our technical team has experts in all Electro Medical Device Testing services, for example X-Ray Testing, as well as all other services needed for product safety.

The Munich SGS lab offers a wide range of marks to support you gain access to the global marketplace

- Europe (CE, EN Standards)
- CB (Global, IEC Standards)
- USA (FDA, UL Standards, FCC)
- Canada (CSA Standards)
- Brazil (INMETRO)
- Japan (JPAL)
- Customs union Russian (Zollunion Russland), Belarus, Kasachstan (TR EAC)
- SGS Fimko, SGS CEBEC, SGS US/C



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WHEN YOU NEED TO BE SURE

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