

**CONSUMER TESTING SERVICES  
ELECTRICAL & ELECTRONICS  
ELECTRO MEDICAL DEVICES**



## **PRODUCT SAFETY TESTING FOR MEDICAL DIAGNOSTIC X-RAY MANUFACTURERS**

SGS services for medical diagnostic x-ray devices deliver solutions for all market players, from small companies working in a specific niche, to large global manufacturers.

### **ONE TEST FOR SUCCEES**

As product safety requirements for most medical x-ray products are based on IEC standards, they can be tested just once. Clients employing SGS can use the resulting test report as a global safety passport when placing their products on the global market.

All our medical laboratories are ISO 17025 accredited and also registered in the IECEE CB Scheme. Our x-ray experts form an international team of highly professional engineers, who have been active in the x-ray industry for a long time.

### **GLOBAL SERVICES, AVAILABLE LOCALLY**

No matter where your factory is located, we can serve your needs from our nearest branch, bringing our experts to your factory in a reasonable time. We not only test and certify, we partner with you and offer registration of your lab under the IECEE CB Scheme's TMP (Testing at Manufacturer's Premises) programme.

Through our global network, we can also offer clients access to CB Scheme reports, an NRTL listing (SGS "Q" certification mark) and accredited test reports for INMETRO certification.

**ON-SITE WITNESS TESTING AND  
ISSUE OF TEST REPORTS**

**FACTORY LAB ASSESSMENTS  
ACCORDING TO IECEE  
CB SCHEME RULES FOR TMP**

**SEMINARS AND TRAINING FOR  
YOUR STAFF**

**SGS**

## WE TEST WHERE YOU DEVELOP AND MANUFACTURE

With a global network of x-ray experts we have qualified personnel located near your facility and can conduct the required testing on your premises. Our global presence is your advantage.

## YOUR ENGINEERS GET TRAINED WITHOUT LEAVING THE FACTORY

Our network can also deliver on-site training to ensure your workforce have the skills and knowledge to be effective in the workplace. All our training staff are expert in this field, as well as experienced trainers.

## BENEFITS

Employing our expertise means your factory engineers no longer need to write test reports by themselves. On completion and approval, the one test report can be used for both your technical file and to meet the requirements of international certification.

Plus, clients receive regular and timely updates on the x-ray industry's regulatory framework.



## INTERNATIONAL STANDARDS COVERED BY THE SGS SERVICE

- IEC 60601-1 general requirements
- IEC 60601-1-3 radiation protection
- IEC 60601-1-6 usability
- IEC 60601-1-8 alarm systems
- IEC 60601-2-28 X-ray tube assemblies
- IEC 60601-2-43 X-ray equipment for interventional procedures
- IEC 60601-2-44 computed tomography
- IEC 60601-2-45 mammography
- IEC 60601-2-54 radiography
- IEC 60601-2-63 dental extra-oral X-ray equipment
- IEC 60601-2-65 dental intra-oral X-ray equipment

## WHY SGS

SGS is the world's leading inspection, verification, testing and certification company. Recognised as the global benchmark for quality and integrity, we employ 75,000 people and operate a network of more than 1,500 offices and laboratories around the world.

We have the industry experience, knowledge and in-depth understanding of x-ray product safety testing to locally support your needs with expert solutions, little waiting time and no language barriers.

## CONTACT US

For more information on SGS services for medical diagnostics x-ray devices please visit: [www.sgs.com/emd](http://www.sgs.com/emd) or contact: [cts.global@sgs.com](mailto:cts.global@sgs.com)