

# RaySafe Xi

A complete system for X-ray measurements



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## Meet the family!

The RaySafe Xi is a complete system for multiparameter measurements on all X-ray modalities. It simultaneously measures everything from kVp and dose to HVL and waveforms. It is preferred by leading experts from all over the world. Invest just a few seconds of your life in RaySafe Xi, and it may completely change it. At least in the way you measure on X-ray equipment.

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– a wide range of detectors for different applications

# The values of the RaySafe Xi

## MODULAR

Whether you start with a base unit and one detector, or a Prestige Kit for all modalities, the RaySafe Xi makes it easy for you to grow your system over time or as your needs change. Additional detectors and options can be added at any time to enhance the capabilities of your system. This makes the RaySafe Xi a smart investment now, and for the future.

## PREFERRED

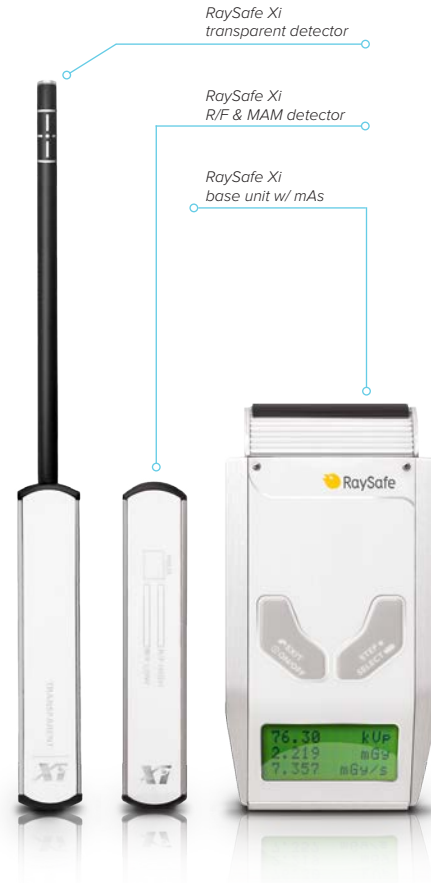
In 2011, the RaySafe Xi became the most widely-used solid state quality assurance tool in the world. Leading manufacturers of X-ray equipment around the world have standardized on the RaySafe Xi from their R&D, to their factory to their field service technicians.

The majority of diagnostic physicists and government inspectors also use the RaySafe Xi in their daily work. This makes any needed measurement comparison between biomedical engineers, physicists, inspectors and field service engineers simple and consistent.

## SIMPLE

A good tool should simplify your life, not complicate it. The RaySafe Xi goes from set up to results in under a minute. With its intuitive user interface and two key operation, it is easy to learn and master.

RaySafe Xi view software shows waveforms and easily exports data to Excel for reporting. Because we understand that you want to focus on interpreting the measured data instead of worrying about how to obtain it.



## ACCURATE

The RaySafe Xi solid state technology offers many benefits, including durability, a smaller footprint, and enhanced sensitivity. But did you know that our proprietary solution also provides increased accuracy? All RaySafe Xi detectors use multiple sensors and have our “Active Compensation” system. This provides a flat energy dependence, not only for radiography and fluoroscopy but also in the mammography range. It also gives our users the ability to measure multiple parameters all in one instrument including HVL – on the fly.

## DURABLE

QA instrumentation needs to withstand life on the road – and its inevitable bumps. The RaySafe Xi is prepared for the most demanding applications. From its durable case with its custom foam insert to hold detectors and accessories, to the robust design of the base unit and solid state detectors, the RaySafe Xi can easily manage the unavoidable drops and mishaps.

## AT YOUR SERVICE

Keeping your instrument performing and looking like new is easy with our annual service program and extended warranty. Simply send in your instrument annually for calibration and we will extend the full warranty for another year for up to 5 years. Your annual service includes the most comprehensive calibration in the industry, firmware updates, and free replacement of any damaged or unsightly parts in your instrument and in your case.

Our service customers benefit from a faster turnaround time and an ISO 17025-certified calibration facility using NIST/PTB calibration standards. Because your reputation and the quality of your service depends on a well-calibrated and maintained instrument.



# Isn't precision in mammography important?

Mammography examinations play a vital role in early detection and reduction of mortality from breast cancer. Diagnosis is dependent on the quality of the X-ray image, making the precision of quality assurance measurements critical.

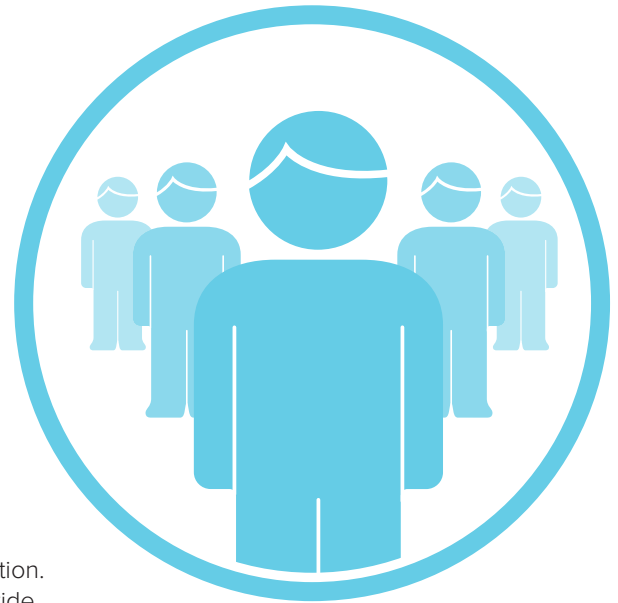
There have been rapid improvements in the mammography field over the last few years. Many manufacturers have released new systems with higher sensitivity by utilizing various target/filter combinations and combo modes. Working together with our mammography imaging partners, we have improved both the scope and precision of the RaySafe Xi MAM solution.

Apart from our unique ability to handle common tube ageing effects, the RaySafe Xi MAM detector can directly measure the HVL for each exposure without the need for filters and multiple exposures. Our solution provides the user with traceable calibrations for specific beam qualities such as Mo/Mo, Mo/Rh, W/AI, W/Rh and W/Ag, making the RaySafe Xi the ideal choice for both analogue and digital mammographic machines. It even handles combinations of beam qualities and scanning machines.

We know precision and traceability matters, especially in mammography applications. So we've developed the most comprehensive mammography solution available.



” When it comes to true productivity and value for money, the RaySafe Xi is *simply preferred*.



## You are in good company!

Unfors RaySafe has a long history of precision instrumentation. Through acceptance and input from our customers worldwide, we've grown into the world-leader in quality assurance instrumentation. For the majority of physicists, X-ray manufacturers, biomedical engineers and government inspectors, the RaySafe Xi is simply preferred over other systems.

We appreciate our loyal customers and we continue to invest heavily in R&D to ensure that our leading edge solutions will meet your needs today, tomorrow and well into the future.

Unfors RaySafe offers a wide range of solutions for personal dosimetry and quality assurance and service of diagnostic X-ray.

The simplicity and user friendliness combined with maximum accuracy and state-of-the-art technology have made us a world-leading supplier of radiation measurement solutions.

RaySafe helps you avoid unnecessary radiation.

Unfors Instruments has changed its name to Unfors RaySafe  
[www.raysafe.com](http://www.raysafe.com)

