RaySafe X2 Solo

Designed for specific needs

RaySafe™

All you need for your modalities

RaySafe X2 Solo is a new product line from RaySafe that covers the measurement needs of your specific X-ray modalities. It's based on the same technology as RaySafe X2, highly esteemed for its user-friendliness and performance, but instead of multi-modality capability, each model meets specific needs. Within your X-ray modalities the X2 Solo will meet all your QA or service measurement needs.

RaySafe X2 Solo users will enjoy a large touch screen showing all parameters simultaneously, sensors ready for measurements without special settings or modes and a base unit storing all readings and showing full waveforms. Plus, much more. It's true ease-of-use, which saves valuable time and minimizes the risk of making faulty measurements. Or as RaySafe X2 customers say: "It just works".

RaySafe X2 Solo

RAYSAFE X2 SOLO R/F

– for all radiography and fluoroscopy measurements

RAYSAFE X2 SOLO DENT

– tailor made for dental X-ray

Less effort. More insight.

RaySafe X2 Solo removes unnecessary steps in taking a measurement – like positioning the sensor, choosing a setting, or interpreting results. The R/F and DENT sensors are both orientation independent so the only thing you need to do is to place the sensor in the X-ray beam and turn on the instrument. The rest is automatic – no menus or special settings needed.

RaySafe X2 Technology

RaySafe X2 Solo combines state-of-the-art sensor technology with an intuitive and proven user interface, making it the ultimate in user friendliness. Each X2 Solo includes a specific sensor to cover your needs.

FEATURES OF THE X2 SOLO FAMILY INCLUDE:

LARGE TOUCH SCREEN display for simple operation and a great overview of all measured parameters.

FULL WAVEFORMS directly in the base unit for quick analysis of measurements.

NO SPECIAL SETTINGS to handle different types of X-ray machines. Just connect and measure.

STACKED SENSORS for easy positioning and minimum radiological footprint.

WIDE DYNAMIC RANGE – no special modes for high sensitivity measurements.

BUILT-IN MEMORY – up to 10 000 measurements with waveforms are stored in the base unit.

Finding your way

The RaySafe X2 Solo touch screen interface allows the user to view data in a comprehensive yet flexible way. The home screen displays every available parameter from the attached sensor. To zoom in on any parameter - just tap it for a larger view. Use a quick swipe to display waveforms and pinch to zoom into details. Navigation is made simple by using the common Menu, Home and Back keys.

All exposures are saved in the base unit. In each session, you can swipe to quickly go back to previous exposures for reference or comparisons. A full session of measurements can be uploaded to the complimentary X2 View software at a later stage for more manipulation.

HOME SCREEN
Measurement of 1 – 12 parameters simultaneously with waveform overlay.

SINGLE VIEW
Large view of selected parameter.

WAVEFORM
Overview and simple analysis of kVp, dose rate or mA.

ANALYZE MODE
Zoom-in on waveforms to determine, for example, peak dose rate of a pulse.

RaySafe X2 Solo R/F

RaySafe X2 Solo R/F covers all your radiography and fluoroscopy measurements needs:

- For conventional X-ray, interventional radiology, surgery, CR, DR, dental (Intraoral, Panoramic, CBCT) and CT (kVp, HVL and time only).
- Measures dose, dose rate, kVp, exposure time, pulses, pulse rate and dose/pulse.
- Options include HVL & Total Filtration as well invasive mAs measurements.
- One dynamic range covering low dose rates as needed in fluoroscopy as well as a kV range up to 150 kV for CT.

With its minimal setup time, acquiring your first exposure takes less than one minute. The intuitive user interface and built-in intelligence means that the user will be able to focus on interpreting the measured data instead of focusing on how to obtain data. Ease-of-use saves time, but most importantly, it minimizes the risk of costly errors that potentially could lead to re-visits to labs already checked.

Options

HVL & TOTAL FILTRATION

With this option, RaySafe X2 Solo R/F will measure Half Value Layer (HVL) and Total Filtration in a single exposure avoiding the need of multiple dose measurements with different filters. RaySafe X2 Solo utilizes a stacked sensor with diodes having different filtration, and hence accurately calculates HVL. With the HVL & Total Filtration option installed, these parameters will be measured simultaneously as the other parameters and will be displayed on the main screen after each exposure.

mAs

RaySafe X2 Solo R/F is available with or without mAs. The design allows to invasively measure tube current even for pulsed measurements.

RaySafe X2 Solo DENT

The RaySafe X2 Solo DENT measures all X-ray parameters for dental applications:

- Supports all types of dental machines; Cone Beam CT, Panoramic and Intraoral.
- Options include HVL & Total Filtration as well as invasive mAs measurements.
- Measures dose, dose, rate, kVp, exposure time, pulses, pulse rate and dose/pulse in the kV and dose rate ranges needed for dental applications.

X2 PANORAMIC HOLDER

Panoramic measurements

RaySafe X2 Solo DENT includes the brand new X2 Panoramic Holder (also available as a separate accessory for other X2 models). Correctly positioning the sensor in the narrow X-ray field of a Panoramic machine is now easier than ever:

1. Attach the holder to the X-ray machine.
2. Make an exposure with gafchromic film (included) to reveal the position of the X-ray beam.
3. Use the adjustment lever to align the sensor with the X-ray beam.

The markings on the holder makes it possible to go back to a previous position if needed.

SELECTED OPTIONAL ACCESSORIES

RAYSAFE P FLUORO PHANTOM

X2 FLEXI STAND

X2 BLUETOOTH ADAPTER

X2 SUCTION CUP HOLDER

Unfors RaySafe offers comprehensive solutions for the X-ray room to measure the performance of X-ray equipment and to monitor medical staff dose in real-time.

RaySafe helps you avoid unnecessary radiation.

www.raysafe.com

RaySafe™