LANDAUER®

Now Offering Real-time Dosimetry Products

Powered by RaySafe™

RaySafe i3 Product Features Compared to i2

What is RaySafe i3?

The RaySafe i3 system is the latest generation of the Real-time dosimetry family with our updated dosimeter. The system includes RaySafe's new Real-time Dosimeter, Real-time Display and Real-time Dose Viewer software.

What is the difference between RaySafe i3 and i2?

The new dosimeter improves the RaySafe i2 system:

- Prolonged life cycle
- Enhanced measurement performance
- Improved wearability
- Better immunity to interference

Features		Real-time i3 dosimeter	RaySafe i2 dosimeter
Functionality	Radio communication	Frequency depending on region Compatible with existing real-time dosimetry products	
	Energy saving features	Longer transmission intervals when not irradiated, automatic sleep mode	Longer transmission intervals when not irradiated
	PC connectivity	Micro USB connector	USB docking cradle
	Battery	User replaceable, non rechargeable	Non replaceable, non rechargeable
Design	Pocket clip	Plastic clip, user replaceable	Metal clip, non replaceable
	Visual feedback	LED error and wake up indication	LED error indication
Technical Specification	Energy range	N40 – N150	N40 – N120
	Dose rate uncertainty	±10% or 10 μSv/h (40 μSv/h – 150 mSv/h) ±20% (150 mSv/h – 300 mSv/h) ±40% (300 mSv/h – 500 mSv/h)	±10% (40 μSv/h – 150 mSv/h) ±20% (150 mSv/h – 300 mSv/h)
	Angular dependency	< 5% (0° – 10°) < 30% (10° – 60°) +30% to -100% (60° – 90°)	< 5% (0° – 5°) < 30% (5° – 50°) +200% to -100% (50° – 90°)
	Expected longevity	Up to 10 years	3-5 years, until the battery runs out

Learn More

Visit landauer.com/real-time-dosimetry

LANDAUER: Setting the Pace of Radiation Safety™