myOSLraser 4.0

Flexible OSL reader that grows with your needs

myOSLraser 4.0 is a small OSL reader for dose measurements in combination with our passive 4-element OSL dosimeter called myOSLDosimeter 4.0. State-of-the-art components, modern design and a user-friendly operating interface provide an excellent performance.
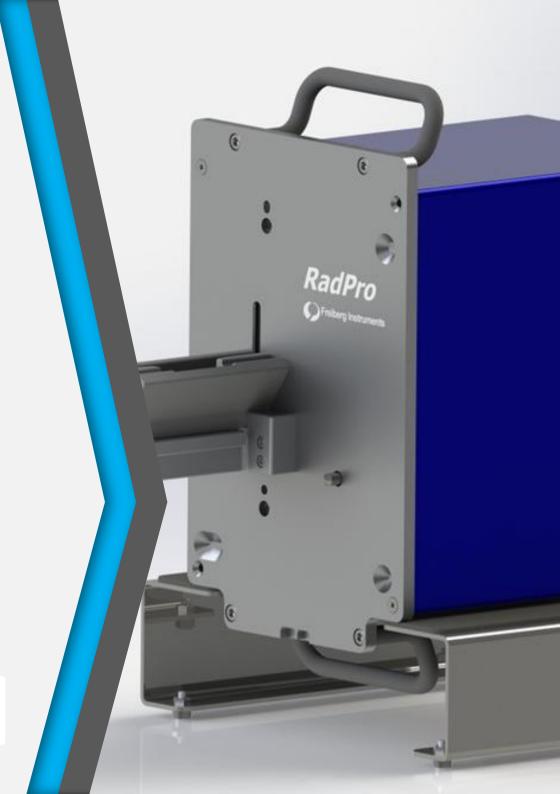
The myOSLraser (reader + eraser) is designed to read the dose of each dosimeter without erasing the complete signal. Remaining dose signal can be used for a second readout or erased directly after the dose measurement to ready each myOSLDosimeter 4.0 immediately for the next wearing period.

myOSLraser is available as a single read out unit (one-by-one) or with an automatic feeder to process up to 50, 500, or 4000 myOSLDosimeters per loading.

RadPro

...Radiation Protection for the Radiation Professionals...

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Specifications

Stimulation	Blue Stimulation (455 nm) with 100 mW
Detection unit	Photosensor (230-700 nm), temperature stabilized
Stability	Controlled by high stability reference light source
Detection filter	Bandpass filter (UG11-IRB) Single bandpass filter (HC377/50)
Erasing unit	8 Bleaching LEDs (455 nm, 1 W)
Capacity	1 **myOSLDosimeter** (myOSLraser manual version) Up to 50, 500, or 4000 **myOSLDosimeter** (myOSLraser automatic versions)
Processing speed	ca. 80 dosimeter per hour (reading and erasing) >200 dosimeter per hour (reading only)
Card Recognition	Internal barcode scanner
Software	OSLdosimetry software running on a separate PC
Data output	LAN to PC, IP device worldwide accessible for distance operation remote support
Power supply voltage	100-240 V, 50-60 Hz
Dimension approx.	215 mm x 360 mm x 380 mm (W x D x H, manual configuration)
Weight	12.0 kg

Related product

Automation options

myOSLDosimeter 4.0

MADE IN GERMANY

All information in this brochure is subject to technical changes without notice.