

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

myOSL

RASER (reader + eraser)



myOSLraser is a small OSL reader for dose measurements in combination with our passive OSL dosimeter called **myOSL**. State-of-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. Additionally it is possible to erase the **myOSL** dosimeter directly after the dose measurement if a second readout is not required to apply each **myOSL** dosimeter immediately for a next wearing period.

myOSLraser will be available as a single read out unit (one-by-one) or with an automatic feeder to process up to 200 **myOSL** dosimeter per loading.

Technical Specifications

Capacity	1 myOSL dosimeter ¹ (myOSLraser manual version) Up to 200 myOSL dosimeter (myOSLraser automatic version)
Processing speed (reading)	>200 dosimeter per hour
Processing speed (erasing)	>100 dosimeter per hour
OSL stimulation	Blue light - 480nm
Erasing unit	4 bleaching LEDs
Mechanics	designed for >2 million movements
System stability	Controlled by high stability reference light source
User interface	myOSLstudio software running on a separate PC
Dimension	300x230x200 mm
Weight	ca. 13kg (manual version) ca. 18kg (automatic version)
Data interface	Ethernet (IP device) – network compatible
Voltage	100-240 VDC 50/60 Hz
Environment conditions	+10°C to +40°C

¹ myOSLraser manual version can be upgraded to myOSLraser automatic version at any time by adding the myOSL feeder unit

myOSL related products



manual myOSLraser



automatic myOSLraser



myOSLirradiator



myOSL with blister



myOSL with holder

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