RadPro International GmbH

...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.
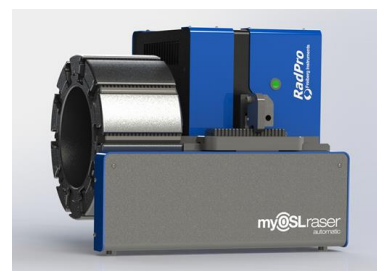
www.myOSL.eu

Technical Specifications

myOSL related products

Capacity 1 myOSL dosimeter[1]
(myOSLraser manual version)
Up to 200 myOSL dosimeter
(myOSLraser automatic version)

manual myOSLraser

Processing speed (reading) >200 dosimeter per hour

Processing speed (erasing) >100 dosimeter by a dose of few mSv

OSL stimulation Blue light - 480nm

Erasing unit 4 bleaching LEDs

automatic myOSLraser

Mechanics designed for >2 million movements

System stability Controlled by high stability reference light source

User interface myOSLstudio software running on a seperate PC

Dimension 300x230x200 mm

myOSLirradiator

Weight ca. 13kg (manual version)
ca. 18kg (automatic version)

Data interface Ethernet (IP device) – network compatible

Voltage 100-240 VDC 50/60 Hz

myOSL with blister

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 with holder

MADE IN GERMANY