

POCKET ANNEALER PORTABLE ANNEALER FOR OSL DOSIMETERS

The Pocket Annealer provides an easy method to reset OSL (Optically Stimulated Luminescence) detectors, for INLIGHT® XA or GA types.



TO RESET YOUR DOSIMETERS EASELY

Portable device

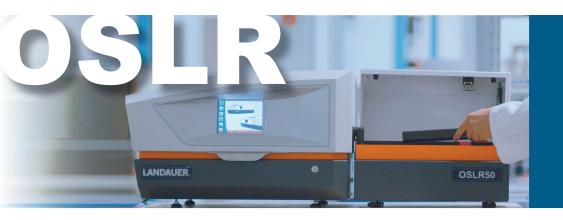
Compact, lightweight and portable, the Pocket Annealer can be taken anywhere.

Quick annealing

10 seconds are required to reset a dosimeter.

Easy-to-use

Plug and play devics, no computer required.



OSLR READERS

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INLIGHT_® dosimeter

OVERVIEW

Pocket Annealer is a portable device allowing reset INLIGHT dosimeters up to 1 Gy.

Startup

- 1. Connect the external power supply and turn on the power switch.
- 2. Automatic initialisation.
- 3. The Pocket Annealer is ready when the panel view displays «Ready».

Detector annealing process

- 1. Set the annealing time:
 - Press the «M» button
 - Select the time using the arrow (for example 10 seconds for less than a 1 mSv)
 - Confirm with «OK» button.
- 2. Insert an IPLUS dosimeter in the slot provided for this purpose. Please observe the correct direction of insertion indicated on the top of the device.
- 3. The Pocket Annealer automatically extracts the OSL slide.
- 4. While the light illumination (annealing) is in progress, the LCD panel indicates the time remaining.
- 5. After the reset is completed, the pocket annealer re inserts the slide into the case and ejects the dosimeter.
- 6. The Pocket Annealer is ready for a new annealing cycle.

Always check the value of the residual dose after annealing.

TECHNICAL SPECIFICATIONS

Dimensions H 28 cm x L 28 cm x W 11.5 cm

Weight 5.4 kg

Power supply 110 - 230 V

1.6 A / 50 - 60 Hz

Loading capacity Manual (1 dosimeter)

Preset time Time range from 1 to 255 seconds.

Time adjustment by step of 1 second

Annealing performance 10 seconds of exposure to reach a value less than 0.1 mSv

with an initial dose < to 1 mSv

Operating performance -10 °C to 40 °C

Hygrometry < 90 %