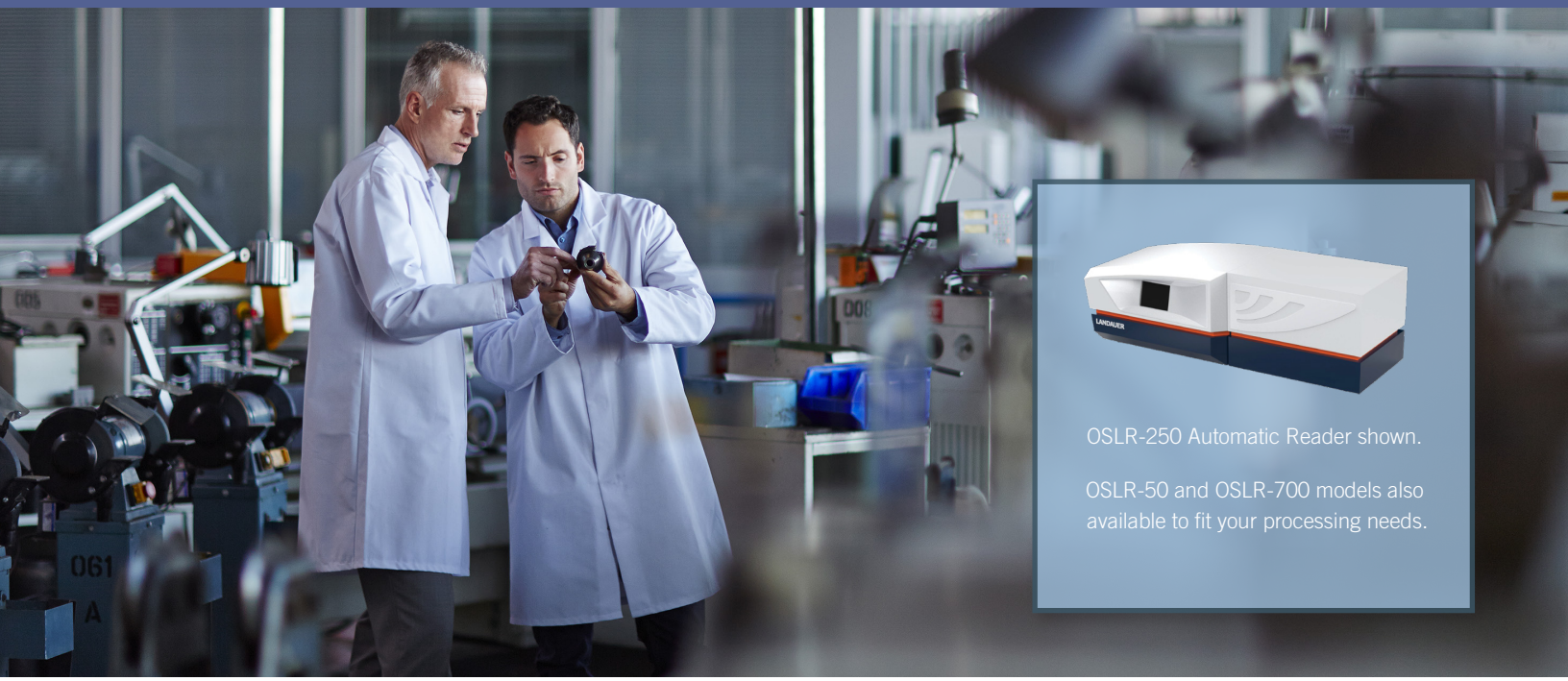
LANDAUER®

Introducing Sales Options for InLight® Dosimetry Analytical Readers



Now Offering Options to Managing your Complete Dosimetry System

Now you have options to manage dosimeter reading and analysis for your organization: through the standard purchase of analytical hardware or by saving on upfront capital and inventory management together with LANDAUER.

Our array of hardware readers is designed for small, medium and large sized laboratories and organizations. They exclusively read only InLight dosimeters for whole body, environment and emergency response monitoring. And, LANDAUER's microStar® reader works for any single-point radiation dose measurement.

InLight microSTARii dosimeters feature LANDAUER's leading optically stimulated luminescence (OSL) technology and are designed for those with extensive data management capabilities who prefer to independently maintain data and issue dose reports.

Your laboratory or organization can choose to facilitate a state-of-the art radiation safety program with a LANDAUER solution designed to meet your specific needs.

See the comparison chart on back to better review your organization's needs including technical support.

Contact Us Today

Inid Deneau
Director of Business Development – Health Physicist

+1-708-441-8317 Office
+1-708-308-7829 Mobile
ideneau@landauer.com

Partner with LANDAUER – And Let the Industry's Leading Radiation Measurement Company Handle Your Needs

Feature	Purchase	Partnership Benefit
Investment	• Large upfront money required - Purchase all dosimeters - Purchase all analytical readers • Lifecycle 20 - 25 years • Can inter-calibrate with readers; uses same calibration and QC dosimeters on multiple readers for cross-calibration	• No upfront capital - LANDAUER provides inventory of dosimeters - LANDAUER provides all reader hardware for supporting analytical operations • Customer pays annual participation fee based on tiered pricing schedule • 5 year contract required • No inventory or hardware investment allows for easier transition as new technologies evolve
Hardware Support	Responsible for service/maintenance contracts or training internal staff for servicing equipment	LANDAUER provides all hardware support at no charge
Technical Support	• Limited consultative hours • Must have maintenance contract for back up support	• Access to LANDAUER's CHPs and medical physicists • Backup support

Feature	OSL Technology	TLD
Reanalysis capabilities	**Yes** • Validate unusual dose results • Archive for future reference • Can inter-calibrate with readers; uses same calibration and QC dosimeters on multiple readers for cross-calibration	**No** Destructive readout
Pre-defined dosimeter sensitivities	**Yes** 2D engraved barcode identifies dosimeter sensitivity; no additional labor required to maintain sensitivities	**No** Must maintain Element Correction Factors (ECF); requires increased labor and time to maintain ECFs
Increase in efficiencies	**Yes** • Analytical process: 300 dosimeters / hour • Annealing: 200 dosimeters / hour	**No** • Analytical process: 100 – 125 dosimeters / hour • Annealing: 100 dosimeters / hour
Simpler analytical process and reader maintenance	**Yes** • No heating parameters to maintain • No heat induced artifacts during readout • Eliminates heating requirements; leads to reduced photonics maintenance	**No** • Must maintain heating parameters • Susceptible to heat induced artifacts for false positives • Must be cleaned more often
Low dose precision	Improved accuracy and dynamic energy range	----------
Fade	Minimal fade; <5% in a year, which enables longer wear frequencies	Must correct for fade
Environmental Integrity	Excellent – indestructible; very robust. • OSL in LANDAUER's RadWatch has passed First Article Testing for nuclear survivability	• Susceptible to high temperatures and water immersion • Chips can crack and discolor