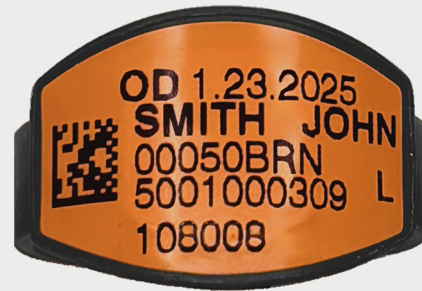


APex™ Ring Dosimeter

Optically-Stimulated Luminescence (BeOSL) Dosimeter



The APex Ring Dosimeter is an NVLAP-accredited extremity dosimeter designed for occupational radiation monitoring. Using OSL detection provides high-accuracy dose measurement of radiation exposure to the hand. The ring is lightweight, durable, and available in three sizes to accommodate various finger sizes, and can be worn over or under exam gloves.



APex ring dosimeters must be returned to Mirion Dosimetry Service's accredited laboratory for processing at the end of every wear period. Captured dose is extracted, analyzed, calculated, and electronically stored in each wearer's legal dose-of-record.

Features

- Lightweight, flexible composite material for comfort
- Color-coded labels to easily identify monitoring period identification
- Barcoded for easy user identification and tracking
- Permanent label seal for cold-sterilization* compatibility and resistant to fading

**Cold sterilization using Glutaraldehyde (<5% by weight) or ortho-Phthalaldehyde (1,2 – benzenedicarboxaldehyde, <1% by weight). Use of sterilization solutions should follow manufacturer instructions.*

Specifications

Description: Single element beryllium oxide (BeO)

Badge Type: 50 = Beryllium oxide Ring

Ring Size (U.S.): Small 6-8 / Medium 7-9 / Large 10-14

Accreditations/Approvals/Licenses: NVLAP (Code: 100555-0)

Useful Dose Range: 5 mrem – 1000 rem (0.05 mSv – 10 Sv)

Energy Response:

- Photon - 20 keV to 1.2 MeV (**more energies being tested*)
- Beta - Sr90 Beta Energies (**more energies being tested*)



Color-coded labels in five different periods easily identify monitoring periods.