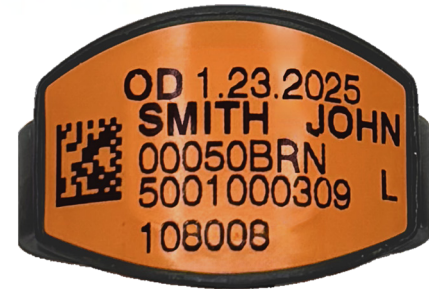


# APex™ Ring Dosimeters

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.

## 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

## 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)



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.

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



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

