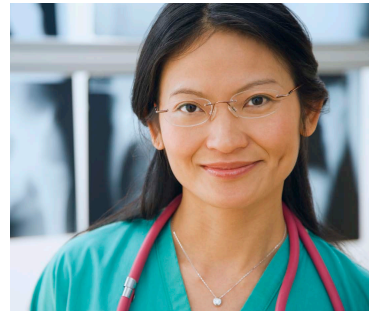


# Apex Dosimeter

## Optically Stimulated Luminescence



### OVERVIEW

At the Dosimetry Services Division of Mirion we recognize you have specific needs and understand radiation monitoring requirements vary depending on exposure risks and regulatory requirements. We offer you a wide choice of dosimetry technologies to fit your needs. From Thermoluminescent dosimeters (TLD), instadose™ dosimeters, to our APex Beryllium Oxide (BeO) Optically Stimulated Luminescence dosimeters; we have the perfect dosimeter for your environment and program.

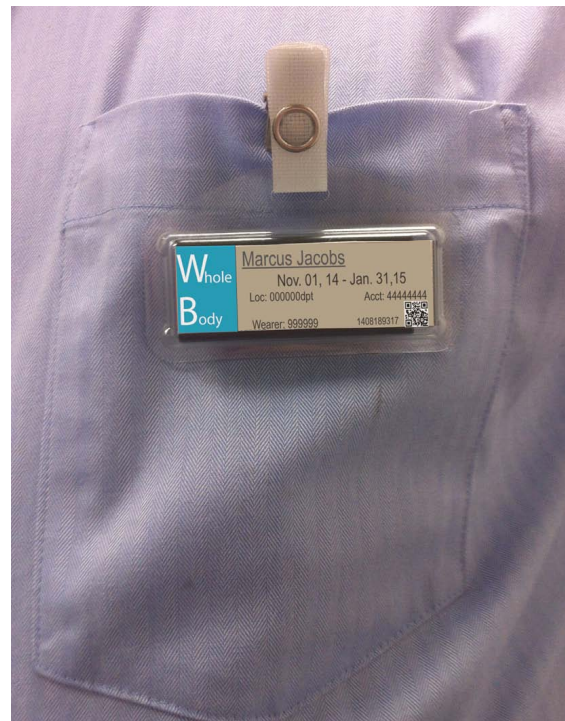
The APex dosimeters slim profile and light weight (2.8" x 1.6") makes the badge easy to wear on the body or extremities. Even when exposed to extreme temperatures or moisture the dosimeter will provide accurate dose readings.

As with other OSL technologies, APex can be re-read multiple times, enabling re-evaluation into unusual exposures.

Wear periods range from one week to one year; you decide what works best for your radiation monitoring program.

### APPLICATIONS

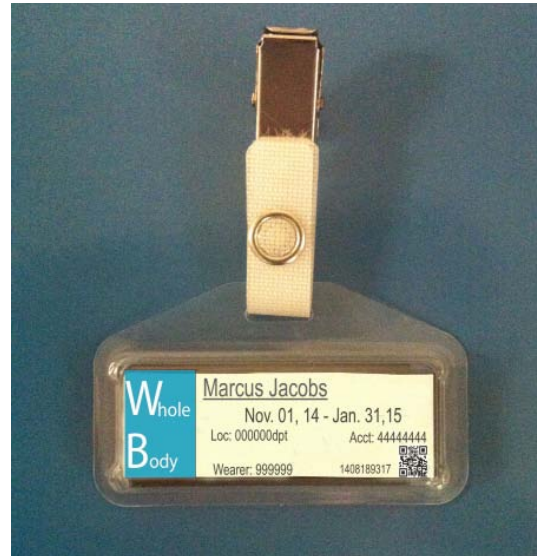
Medical practitioners and technologists, dentist, veterinarians, chiropractors, or any practice with potential exposure to photon radiation



# Apex Dosimeter

## FEATURES

- Re-readability to verify dose
- Easy to wear
- Slim form factor: 2.8" x 1.6"
- Enhanced label
- Rotational clip
- Wear periods from one week to one year
- Permanently bar-coded for user identification and tracking
- Whole-body, wrist and area monitoring configurations



## Technical Specifications

## APex Dosimeter

Description	2 element beryllium oxide (BeO)
Badge Type	30 = Beryllium oxide
Holder Type	BP= Blister pack
Accreditations/Approvals/Licenses	NVLAP (Code: 100555-0)
Minimum Reportable Dose	5 mrem (0.05 mSv)
Useful Dose Range	5 mrem - 1000 rem (0.05 mSv - 10 Sv)
Energy Response	Beta 0.565 MeV – 5 MeV Photon 12 keV - 7 MeV

