



DOSIMETRY

APex™

Dosimeter

Optically-Stimulated Luminescence (OSL) of Beryllium Oxide (BeO) offers improved resistance to environmental influences, fading, and increased durability.

FEATURES

- Re-readability to verify dose
- Slim and lightweight form factor makes it easy to wear
- Protective blister pack improves durability
 - *Do not open blister pack under any circumstances.
- Large, easy-to-read label with color coded monitoring periods for easy tracking
- Barcoded for easy user identification and tracking
- Rotational clip for added flexibility and comfort
- Reusable clip and strap
- Whole-body and area monitoring configurations

APPLICATIONS

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



OVERVIEW

The increased sensitivity inherent in the APex dosimeter provides accurate dose readings even when exposed to extreme temperatures or moisture.

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

Broad dose response capability makes the APex ideally-suited for a wide range of applications and environments.

SPECIFICATIONS

Description: 2 element beryllium oxide (BeO)

Badge Type: 30 = Beryllium oxide

Holder Type: BP = Blister pack

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

Minimum Reportable Dose: 10 mrem (0.10 mSv)

Useful Dose Range: 10 mrem - 1000 rem (0.10 mSv - 10 Sv)

Energy Response:

- Photon 12 keV - 7 MeV
- Beta 0.565 MeV - 5 MeV

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