



## FEATURES

- personnel dosimetry
- extremity dosimetry
- environmental monitoring
- medical dosimetry applications
- flexible badge construction

## TLD Dosimeter

for RE-2000 Readers

RADOS Thermoluminescence Dosimetry system covers a wide range of applications:

RADOS TLD System includes all the components needed for easy and accurate Personal Dosimetry.

Easy adaption of high sensitive TL-materials and low noise photon counting measurement method makes the RADOS system extremely suitable for environmental dosimetry.

Ingenious dosimeter card construction and high measurement range bring the advantages of an automatic reader to clinical dosimetry applications.

The RADOS badge design allows the exchange of filter materials, filter thickness and TL-materials. This is both to satisfy the needs of different applications and also to offer the possibility of applying new TL-materials easy.

The standard TLD dosimeter card consists of a coded slide placed in a slide holder, with or without filters, and carried inside the dosimeter cover.

The slide has four positions for the detectors (pellets, chips or rods). The detectors are not attached to the slide positions and any required number of positions up to four can be used. This makes it possible to handle the elements separately (e.g. extremity or clinical dosimetry).



health physics

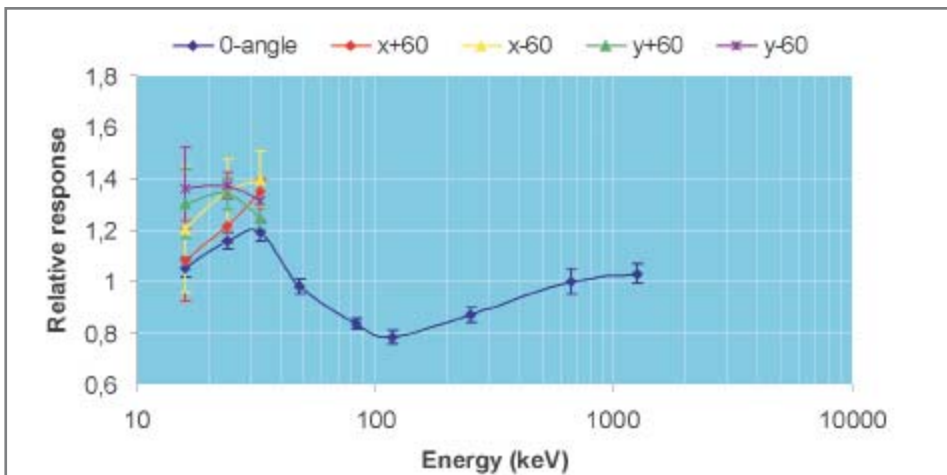
A Mirion Technologies Division

Featuring:

**RADOS**

The slide holders of the standard dosimeters are supplied in 6 different colours. The filter positions (front and back of the holder) may be equipped with up to 1 mm thick Al filters, or it is possible for the customer to insert filters of their own choice. The fourth detector position is for measuring shallow (skin) dose produced by betas and low energy photons.

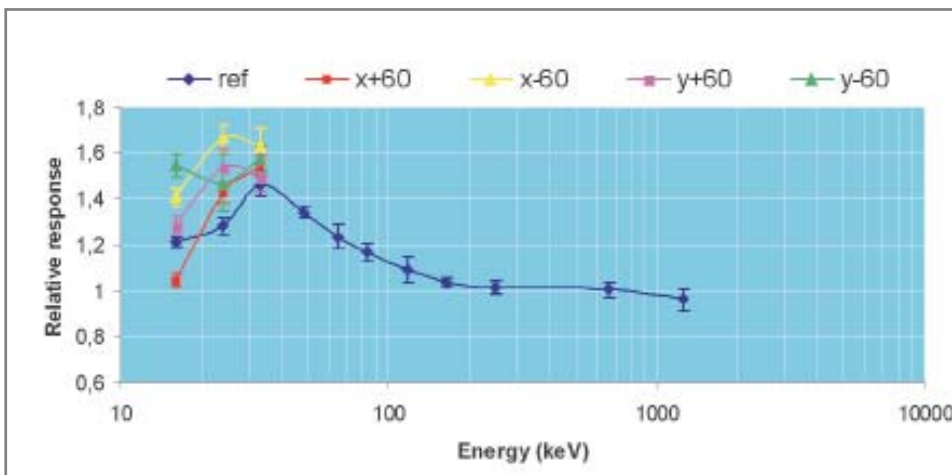
In the personal dosimetry the dosimeters are kept in a plastic cover. The number of the slide is visible when the slide is in the holder and the dosimeter card in the plastic cover. On the backside of the cover there is space for a name tag. The name tag and a barcoded number of the slide are visible through the back part.



Hp(10) energy response with MCP-N detectors



card with filter



Hp(10) energy response with MTS-N detectors



card without filter



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