

TK-30 Spherical Ionization Chamber



Spherical ionization chamber with a long rigid stem for radiation protection measurement

Features

- ▶ Vented sensitive volume of 28 cm³
- ▶ Suitable as high precision reference chamber for radiation protection dosimetry
- ▶ Very flat energy response within a wide range

The TK-30 spherical chamber is designed as a reference chamber for absolute dosimetry to be used by secondary standard dosimetry laboratories (SSDL) and users with high quality requirements. It has very small variations of response with radiation quality from low X-ray energies up to high-energy photon radiation. The guard ring is designed up to the sensitive volume. The chamber is constructed with a long rigid stem of approx. 20 cm length for easy mounting in the radiation beam. Air density correction is required for each measurement.

Ordering Information

TN32005 TK-30 Spherical chamber,
connecting system BNT

TW32005 TK-30 Spherical chamber,
connecting system TNC

TM32005 TK-30 Spherical chamber,
connecting system M

Option

T48001 Radioactive check source holding device

- ▶ UNIDOS Dosemeters *pages 13 and 138*
- ▶ Radioactive Check Device *page 23*