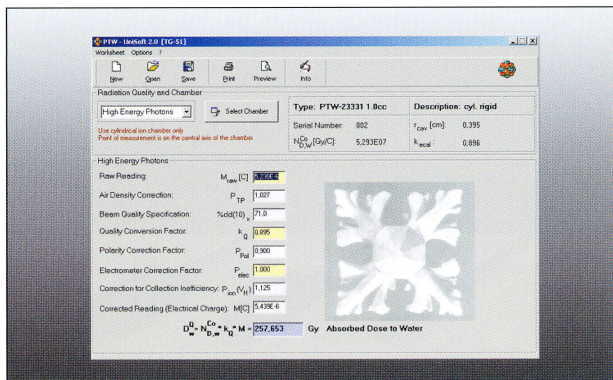


UniSoft Dosimetry Software



Software for radiation therapy dosimetry according to international dosimetry protocols

Features

- ▶ Determines chamber correction factors and calculates absorbed dose to water
- ▶ Put out data in worksheet format
- ▶ Two versions are available to support all established international therapy dosimetry protocols

The UniSoft software is designed to determine the absorbed dose to water of high-energy photon and electron radiation out of dosimeter readings from ionization chambers based on ^{60}Co calibrations.

UniSoft software, Edition 2000 supports the AAPM TG-51 and IAEA TRS-398 therapy dosimetry protocols by calculating the relevant correction factors for air density, polarity effect, saturation effect, radiation quality and displacement. A software module to control the dose meter and to position the detector is included.

UniSoft features ionization chamber libraries to store chamber data necessary for the determination of correction factors. Dosimetry worksheets can be defined for different dosimetry protocols, beam qualities, types of ionization chambers and two kinds of air density correction.

Ordering Information

S100009 UniSoft Software, Edition 2000

- ▶ UNIDOS^{webline} / UNIDOS Universal Dosimeter *page 13*
- ▶ UNIDOS E Universal Dosimeter *page 14*
- ▶ MULTIDOS Multi Channel Dosimeter *page 32*
- ▶ TANDEM Dual Channel Electrometer *page 14*
- ▶ Radiation Detectors *page 16ff.*
- ▶ Radioactive Check Devices *page 23*
- ▶ MEPHYSTO mc^2 Software *page 49*