

Long term
reputation in
the medical
industry.

Assurance we
will offer
competitive
pricing.

Customer
service #1
priority.

One Stop.

LACO Inc.

can do it all!



UNIDOS® E

The lightweight and compact UNIDOS E is an easy to use reference class or field class dosimeter, mainly used for daily routine dosimetry in radiation therapy. Ion chambers and solid-state detectors can be connected. A chamber library makes it possible to store calibration data. Air density corrections are done by keying in air pressure and temperature.

UNIDOS E displays the measured values of dose and dose rate in Gy, R, Gy/min, R/min or Gy·m. The electrical values charge and current are measured in C and A.

The large, high-contrast LC display is easy to read. The device includes automatic leakage compensation and an RS232 interface. The high voltage between the ion chamber electrodes is checked automatically. UNIDOS E features both mains and battery operation.

Features:

- Economical high quality dosimeter for universal use in radiation therapy and diagnostic radiology
- Complies with the following standards:
 - o IEC 60731 as a field class dosimeter
 - o IEC 60731 as a reference class dosimeter (option)
 - o IPEM guidelines on dosimetry transfer instruments as a secondary standard dosimeter (option)
 - o IEC 61674 as a diagnostic dosimeter
- High accuracy, excellent resolution (1 fA) and wide dynamic measuring ranges
- HV power supply (0 ... ± 400) V in increments of ± 50 V
- Measures integrated dose (or charge) and dose rate (or current)