

# DIADOS E

## Diagnostic Dosemeter



*Diagnostic routine dosemeter for QC of radiographic, fluoroscopic, mammographic, dental and CT X-ray installations*

### Features

- ▶ For use in combination with a DIADOS detector or a CT ion chamber
- ▶ Valuable small size dosemeter for acceptance tests and service of any X-ray equipment
- ▶ Measures dose, dose rate, dose per pulse, pulses, dose length product and irradiation time
- ▶ Complies with IEC 61674

The DIADOS E is a small size dosemeter for acceptance tests and routine quality control of any type of diagnostic X-ray installation, which measures dose values and irradiation time. It utilizes semiconductor detectors except for CT measurement, which is based on a pencil ion chamber connected to a separate high voltage supply. The calibration factors of the detectors are selectable for different X-ray filtration. The auto-start feature for the dose and exposure time measurement starts as soon as the instrument detects radiation. The measuring ranges in general feature wide dynamics. The automatic zeroing function is another helpful feature. The DIADOS E can be operated by the mains power supply or by rechargeable batteries. Data can be downloaded from the DIADOS E unit by means of the DiaControl *expert* software.

### Ordering Information

L981239 DIADOS E dosemeter  
S030006 DiaControl *expert* software

### Options

T60004 DIADOS diagnostic detector  
T60005 DIADOS MAM detector  
TM30009 CT chamber, length 10 cm  
TM30017 CT chamber, length 30 cm  
T16018 DIADOS CT adapter

- ▶ DiaControl *expert* Software *page 96*
- ▶ DIADOS Dental Dosimetry *page 89*
- ▶ CTDISet for CT Dosimetry *page 89*