

DIADEM

Patient Dosemeter



Dosemeter for patient entrance dose and dose rate measurement during diagnostic X-ray examinations

Features

- ▶ Economic single channel patient dosimeter
- ▶ Complies with IEC 60601-1 and IEC 60601-2-43 within the ranges of use
- ▶ Complies with FDA 21CFR Part 1020
- ▶ Measures kerma and kerma rate at a reference distance
- ▶ Provides an interface to connect a label printer

DIADEM is an economic and easy-to-handle device for measuring the entrance dose and the entrance dose rate during radiographic and fluoroscopic examinations. The basic unit consists of the measuring amplifier with a bright, easy-to-read LED display. It is fitted with a test, reset and print button, which make it possible to check the calibration, setup the device and print the measuring results via a connected label printer.

The transparent rectangular DIADEM ionization chamber is mounted directly to the collimator of the X-ray tube by using appropriate adaptation rails.

The DIADEM dosimeter is particularly suitable for retrofitting existing equipment and for use with mobile X-ray installations. It meets the requirements of international standards including the proposed rules of the performance standard for diagnostic X-ray systems, published by the Food and Drug Administration, USA.

Ordering Information

L981951 DIADEM reference kerma meter

TA34057-1 DIADEM chamber, transparent, connecting system A (adaptation rails required)

- ▶ Label Printer *page 84*