

DKG-09D

PORTABLE, HAND-HELD, HIGHLY-SENSITIVE DOSIMETER WITH CsI(Tl) SCINTILLATOR DETECTOR TO MEASURE AMBIENT DOSE EQUIVALENT RATE $H^*(10)$ AND AMBIENT DOSE EQUIVALENT $H^*(10)$ FOR GAMMA AND CONTINUOUS X-RAY (PHOTON) RADIATION.

APPLICATION:

- nuclear power plants and other nuclear energy facilities;
- metals and mining industry;
- scrap metals, industrial and domestic wastes storage;
- construction sites;
- geological prospecting and exploration;
- nuclear medicine and PET clinics;
- customs check-points;
- supervision authorities and calibration laboratories;
- first responders, rescue teams;
- also suitable for non-professional residential use.

ADVANTAGES:

Highly-sensitive CsI(Tl) scintillator detector (Cesium Iodide scintillator crystal, activated with Thallium) to reduce the time of measurement and increase the measuring accuracy.

Wide range of operation modes: normal measurement, background measurement, background subtraction, scanning.

Operated with two buttons, user-friendly interface.

Pocketsize ergonomic enclosure with wrist strap.





FEATURES:

- Well visible color OLED display.
- Internal nonvolatile memory for up to 9999 measurements.
- Sound and display-color alarms on exceeding of preset alarm levels.
- Connection to PC via USB (for alarms set up and archive reading).
- IP65 robust enclosure suitable for severe duty and harsh weather conditions.

TECHNICAL CHARACTERISTICS:

- Measurement range:
 - Dose-rate: $0.1 \mu\text{Sv/h} \div 50 \text{ mSv/h}$
 - Dose: $0.1 \mu\text{Sv} \div 10 \text{ Sv}$
- Energy range: $0.05 \div 3 \text{ MeV}$
- Limits of basic relative measurement error, not more: $\pm 15 \%$
- Operating temperature range: $-40^\circ\text{C} \div +50^\circ\text{C}$
- Power supply: 3 standard batteries AAA type
- Continuous operation time with one set of batteries: about 40 hours
- Dimensions: $69 \times 123 \times 33 \text{ mm}$
- Weight: 200 g



**CE CERTIFICATION:
EN 61326-1:2013**

All pictures are for illustrative purpose only.

Technical characteristics are subject to change without prior notice.

Scientific Production Company "Doza"



info@doza.ru
www.doza.ru

