



VF NUCLEAR



NUCLEAR
POWER PLANTS



WASTE
MANAGEMENT



CALIBRATION
LABORATORIES



RESEARCH
CENTRES



INDUSTRY
& MANUFACTURING



NUCLEAR
MEDICINE

SDG-02e

GAMMA DETECTOR



MAIN ADVANTAGES

- Wide measuring range
- Can be used as an autonomous monitor or as a part of large monitoring systems

PURPOSE

The SDG-02e detector is designed for real-time measurement of gamma dose equivalent rate from natural background levels to 50 mSv/h.

The probes can be used as part of large monitoring systems, or in conjunction with a local display unit as an autonomous monitor with local or remote indication of measurement results.

The SDG-02e includes a GM detector. An external ratemeter connected by a cable is used to process the signal into the count rate and as a high voltage source to the detector.

The probe is protected by the waterproof aluminum cylindrical housing.

SPECIFICATION

Detector type	GM tube
Measurement range	1E-07 to 5E-02 Sv/h
Dimensions (ø × h)	40 × 149 mm
Weight	275 g
Power supply	500 V DC
Temperature range	-40 to +70 °C
Humidity range	max. 90% non-condensing



VF NUCLEAR

VF, a.s. Czech Republic

T: +420 516 428 611

E: sales@vfnuclear.com

www.vfnuclear.com

Specification subject to change without prior written notice.

VF1810220049 / 02 / 2020-01-08