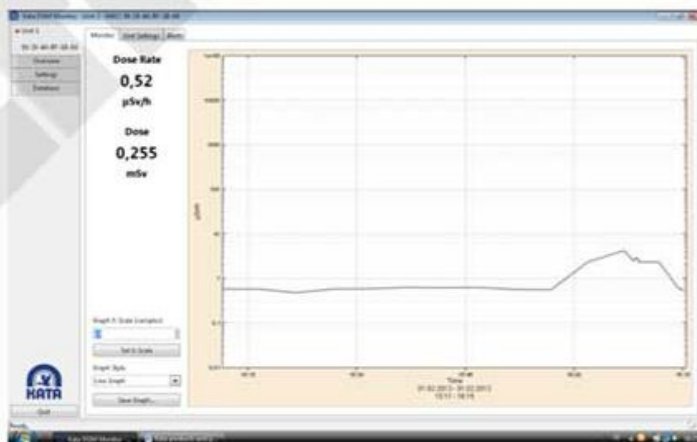


Kata® products 2014

Kata® DGM-1500 Turva Ethernet

RADIATION DETECTED: Gamma and X-ray

- MEASUREMENT UNITS: microSv/h ($\mu\text{Sv/h}$)
- LINEAR RANGE: Dose rate 0.01 - 100 000 microSv/h Dose 0.001 - 1000 milliSv
- SENSITIVITY: 150 cpm/microSv/h
- ACCURACY: $\pm 5\%$ of the reading when irradiated by Cs-137 at the calibration point at 20 deg. °C.
- LINEARITY: $\pm 10\%$ at 20 °C
- RESPONSE TIMES: Fast measurement mode 2.5 sec. Automatic measurement mode 3 min. at ambient radiation levels, at increased radiation levels (> 100 microSv/h) 5 sec. Accuracy measurement mode, at low level radiation, integration time long to 3 hours as far as, used in gamma radiation measuring of foodstuff, for example.
- DETECTOR TYPE: Ambient dose equivalent Hp(10) -energy compensated GM-tube, quenching type Neon/Halogen
- ENERGY DEPENDENCE: $\pm 30\%$, 45 keV - 1.25 Mev
- PHYSICAL CHARACTERISTICS: Display type 4 -digit LCD-display 44 x 18 mm. Big dose rate showed like this 30E3 (30 000 microSv/h)
- OPERATING TEMPERATURE RANGE: -30°C to $+55^{\circ}\text{C}$
- OVERALL DIMENSIONS: L x W x H1/H2, 14.7cm x 9.1cm x 5.2/3.2cm
- WEIGHT: 300 g with battery
- AUDIO SPEAKER: Piezoelectric speaker
- ALARMS: Adjustable dose rate and dose alarm level
- BATTERY: (1) 6LR61, 9 V battery, battery life 300 h (background level), low-battery indication
- MAIN ADAPTER: 9 VDC reg. / 5.0 W (3,5 mm plug) diode protected against wrong polarity
- ETHERNET: Ethernet functionality only works when the meter is used with mains adapter. This is of higher power consumption. When operated with battery power the meter works as normal handheld meter without the Ethernet functionality
- Standard configuration incl. battery, main adapter, Ethernet cable, Kata DGM Monitor program calibration certification and user manual.



Kata® DGM Monitor