

# Radiation Survey Meter

## Kata Model DGM-1500 Turva



The DGM-1500 Turva is a digital radiation doserate and dose meter for measuring gamma and x-radiaton. It measures both dose rate and accumulated dose. The wide measurement range (dose rate 0.01-100 000 mSv/hr, dose 0.001-1000mSv), meets Australian State and Federal requirements for SMDGs.

- Measures dose rate and accumulated dose
- Large 4m-digit LCD
- Audio speaker
- Alarm
- Low Battery Indicator
- Dust and splash proof - IP45
- 2 Year warranty
- Competitively priced
- Meets State and Federal Regulatory authority requirements

Specifications	
<b>Radiation Detected</b>	Gamma, X-Ray
<b>Measurement Units</b>	microSv/hr
<b>Linear Range</b>	Dose Rate 0.01-100 000 Dose 0.001-1000 milliSv/hr
<b>Sensitivity</b>	150 cpm/microSv/hr
<b>Accuracy</b>	+/- 5% of the reading when irradiation by Cs-137 at the calibration point at 20 deg. °C.
<b>Linearity</b>	+/- 10% at 20°
<b>Response Time</b>	Fast measurement: 2.5 secs Automatic measurement: 3-5 secs
<b>Detector Type</b>	Ambient dose equivalent-energy compensated GM-tube
<b>Battery Life</b>	300hrs

### Optional Accessories:



#### External GM Probe

Enables measurements in two separate places. Up to 600mm of cable length. Housed in a weather proof box.

#### Supplied with:

- Leather case
- Mains adaptor
- Calibration certificate
- 9V Battery

#### Radon-Box 10 Radon Absorption Unit

Allows for radon measurements in a room over a 7 day period. The metal box is filled with activated carbon. The collected radon is analysed using the DGM-1500 internal software.