



### TECHNICAL DATA

#### Specifications

Measured Rays:	Alpha, Beta, Gamma, X
Radiation Dose Range:	0.0001 to 1000 $\mu$ Sv/h
Pulse Dose Rate Range:	0 to 4000cpm/cps
Accumulated Radiation Dose Value:	0.001 $\mu$ Sv to 9999Sv
Accumulated Pulse Dose Rate:	0 to 9999
Sensitivity:	Alpha: From 4.0 MeV Beta: From 0.2 MeV Gamma: From 0.02 MeV X: From 0.02 MeV
Accuracy:	<10% (less than 500 $\mu$ Sv/h) <20% (less than 600 $\mu$ Sv/h)
Display:	Dual LCD
Backlit Display:	Yes
Digital Bargraph Indicator:	Yes
Adjustable Alarms:	Yes (Audible/Visual Indicators)
Average Time Function:	2 to 120 seconds
Natural Environment Reading:	0 to 0.2 $\mu$ Sv/h
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Internal Memory:	Yes (up to 4000 groups of data)
Auto Shut-off:	Yes (after 10 mins/off)
Low Battery Indicator:	Yes
Power Supply:	4 AA Batteries
PC Connectivity:	Yes (Wireless via Bluetooth)
Software:	Yes (Included)
Software OS Compatibility:	Windows XP / 7 / 8 / 10
Product Certifications:	CE
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity:	10 to 80%
Dimensions:	7.9 x 2.8 x 1.9" (200 x 70 x 45mm)
Weight:	7.3oz (206g)

#### Features

- Detects Alpha, Beta, Gamma, and X radiation
- Automatic selection of measurement range
- Average time and pulse counting functions
- Large backlit LCD display with bargraph indicator
- Accumulation of radiation detection values and conversions between different measurement units
- User-adjustable alarms (audio/visual indicators)
- Internal memory stores up to 4000 groups of data internally
- Bluetooth connectivity wirelessly streams data to computer via software
- Low battery indicator and auto shut off
- Includes batteries, software and hard carrying case

Model	Description
R8008	Portable Radiation Dosimeter
CA-05A	Soft Carrying Case