CT007-M

Small microR meter with high sensitivity

The CT007-M is intended for finding concealed sources of radiation. It features almost twice the sensitivity of standard microR meters at about 15% the size (33,000 CPM/uSv/h). The CT007-M can be used by Border Services personnel to locate radioactive sources in vehicles after portal monitors have alarmed, or they can be used to replace portal monitors. It can be used by law enforcement for detecting and finding concealed radioactive materials.

The CT007-M is also ideal for measuring low environmental levels of radiation such as for clean-up projects or mineral exploration.

CT007-N

Small, super sensitive radiation detector that connects to your phone

NanoNuke (CT007-N) is a very small, yet highly sensitive (1100 CPM/uSv/h) gamma radiation detector that fits comfortably into even the smallest pockets.

The NanoNuke has a small local display, and can be used as a stand-alone detector with a simple one button interface. It uses novel technology to detect radiation, and is 20 to 200 times more sensitive than Geiger tube based instruments of similar size.

The Nanonuke can be connected to a smartphone, to provide a rich user interface. In this configuration, the user only interacts with the phone, and NanoNuke remains ergonomically out of the way in the user's pocket or in a remote location. This is ideal for covertly checking an area for radiation.

CT007-F

A rugged, affordable radiation detector that measures alpha, beta and gamma

The CT007-F can measure alpha, beta and gamma radiation. This makes it suitable for identifying radioactive contamination. It is light, compact and durable. Its compact size makes it easy to store, carry and operate. It is durable and reliable, as its sensor is not sensitive to impacts or pressure changes. The built-in display and one button interface makes use simple and intuitive. It is sensitive enough to measure background levels, but with a wide enough range to also measure dangerous levels of radiation.

CT007-P

The most versatile pancake-type radiation detector

The CT007-P is an alpha, beta, gamma detector, using an industry standard 2" pancake Geiger tube. It combines the best aspects of the two piece cable-connected units and the newer integrated friskers. The CT007-P is a compact and lightweight instrument, with local display, buzzer and simple one button user interface. It can be used as a stand-alone detector or connected to a smartphone, for enhanced functionality.

A telescoping handle is provided for scanning and frisking. The phone can be clipped to the handle, enabling easy one-handed operation.

GammaGuard

All our CT007 series radiation detectors can wirelessly connect to our GammaGuard app.

Our sophisticated and sensitive CT007 series radiation measurement instruments, such as the CT007-M, CT007-N, CT007-F and CT007-P can be wirelessly connected to GammaGuard for enhanced functionality.

Download on the App Store

GET IT ON Google Play

The GammaGuard App:

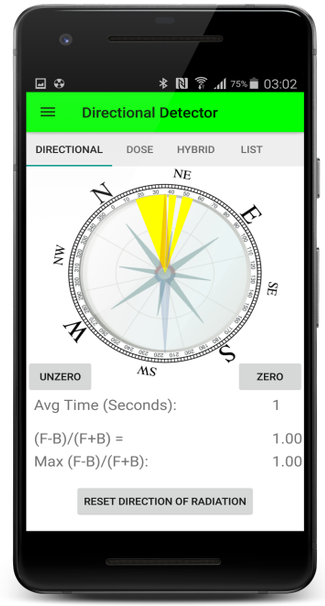
- Provides a large, easy to read display.
- Has the ability to interpret readings for non-technical users.
- Uses one consistent user interface across all detectors, so that there is only one system to learn.
- Can automatically save data to a file and upload data to a central database, facilitating coordinated incident response.
- Will run in the background while performing other tasks.
- Alerts the user to elevated radiation levels, even when performing other tasks and GammaGuard is running in the background.
- Connects to our CT007 radiation detectors even when they are up to 40 meters away.
- Changes background from green to yellow to red, to indicate low, elevated and high levels of radiation.
- Can update the firmware remotely on CT007 radiation detectors, to ensure they are always up to date. (Android system)
- Can connect to two of the same type CT007 detectors at the same time to determine the direction of a radiation source. (Android system)
- Has graphing system that includes a live graph, and the ability to view archived graphs. (iOS system)

CT007-Directional-M

2 Small microR meters as Directional Radiation Detector

When two CT007-M are connected to the GammaGuard app, the app can compute the direction of the radiation source by comparing the radiation levels detected by the two detectors. The result is plotted on a compass display on the phone.

A lightweight and ergonomic assembly combines the two CT007-M and smartphone for comfortable one-handed operation. The Smartphone provides a large display with access to a feature-rich menu. The phone's audio can be played through earphones for use in noisy environments.



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