

**model**  
CT007-P



## Features:

- Ideal for contamination frisking, sample counting and surveying difficult to reach areas
- Small, Lightweight Design
- Removable, Telescoping Adjustable Angle Handle - Facilitates Floor Scanning and Frisking
- Employs Standard 15.51 cm<sup>2</sup> GM Pancake Detector
- Simple single-button local operation
- Connects to GammaGuard via Bluetooth Low Energy (BLE)
- Rich user interface provided by smartphone display
- Capable of logging data to the smartphone, or to RadResponder



## CT007-P Pancake

The CT007-P combines the best aspects of the 2 piece cable-connected units and the newer integrated friskers. The CT007P is a very small and light instrument with a small display on the back of the unit. The CT007P can be used independently in this stand-alone configuration.

Alternatively, the CT007P may be wirelessly linked to your smartphone with the readings displayed on the phone's screen. This allows you to take readings in locations that are not in line of sight. A telescoping handle is provided for access at a distance. The phone can be clipped to the handle, enabling one-handed operation. The Smartphone provides a large display with access to a feature-rich menu. The cordless connection to your Smartphone has a range of approximately 40 m and the telescoping handle can be extended with an ordinary painter pole. The GammaGuard app, running on your smartphone allows you to log data to a file on the phone or upload data to RadResponder, a web based database. You can use earphones, connected to the phone, to hear beeps or alarms in noisy environments.

**Detector:** Pancake-type GM tube (LND7312)  
**Measurement Units:** User selectable ( $\mu$ Sv, mRem or counts)  
**Window:** 15.51 cm<sup>2</sup> active area. 2.0 mg/cm<sup>2</sup> mica protected by aluminum screen on ABS hex. 63%open  
**Gamma Sensitivity:** [Co-60] 348 CPM/ $\mu$ Sv/h (3480 CPM/mR/h)  
**Resolving Time:** 120 microseconds  
**Response Time:** User selectable from 1 to 30s or Auto. Display updates every second  
**Background:** 50 CPM  
**Local Display:** 2.2 x 1.2 cm OLED. Font size automatically adjusts to display as many digits as needed.  
**Local Controls:** Single push button. Short press to toggle screens; long press on/off  
**Wireless communication:** Bluetooth Low Energy connecting to GammaGuard.  
**Operating Time:** 1000hours connected to GammaGuard, 300 hours /with screen on  
**Size:** 5 x 10.5 x 3.5 cm (2 x 4.1 x 1.4 in.)  
**Weight:** 245 g (including batteries)