



Environmental
Instruments
Canada Inc.

AM003

Interface with NaI(Tl) Detector



Introduction

The AM003 allows many different third party probes to be connected to GammaGuard and from there to the Internet. AM003 equips with a large (32 mm diameter x 49 mm) NaI(Tl) probe. This type of probe would typically be used in a post - cleanup scenario to detect small increases in background radiation.

It can be used as a stand alone survey meter, with a simple one button interface, and an OLED display to show data. It can also connect to GammaGuard using Bluetooth Low Energy, and work as a tethered device, sending data to a smartphone application. Its compact form factor and long battery life make it a convenient and easy to use survey meter.

Available Options

CT007-S

Geiger Survey

CT007-EC

Compensated Geiger Survey

CT007-P

Pancake Contamination Probe

Specifications

INDICATED USE

Specialized gamma surveys

COMPENSATED INSTRUMENTS

NaI(Tl) detector

SENSITIVITY

[Cs-137] 55000 CPM/ μ Sv/h

WIRELESS COMMUNICATION

Bluetooth Low Energy connecting to GammaGuard

BACKGROUND COUNT RATE

3000 CPM

ENERGY RANGE

>40 keV

OPERATION VOLTAGE

+3.7V (rechargeable batteries)

CHARGER

Standard USB charger port

SIZE

Interface - 5 × 10.5 × 1.8 cm (2 × 4.1 × 0.7 in.)

NaI detector – 4.4 diameter × 29 cm (1.75 dia × 11.5 in.)

WEIGHT

410 gm (including batteries)

Environmental Instruments Canada Inc.

kai@eic.nu / (306)974-6055

<http://www.gammawatch.com/>