The PM1703GN has the standard functions of the PM1703M and it can be used to search for, detect and locate gamma or neutron sources, including special nuclear materials. Radiation levels, gamma and/or neutron, that exceed the alarm threshold are stored in the non-volatile memory.

Detector | LIL(Eu)
---|---
Energy range for neutrons | Thermal-14MeV
Detection of neutron source | Meets the ITRAP requirements
Battery lifetime | 800 hours
Dimensions (without clip) | 87x72x32mm (3.4”x2.8”x1.2”)
Weight (including the battery) | 230 g (8.1 oz)
Water tightness | IP 67

Type of detector | CsI(Tl) scintillator
Detection of sources | Meets the ITRAP requirements
Energy range | 0.06-3.0 MeV (option 0.033-3.0 MeV)
Measurement range of dose equivalent rate (at Cs-137) | 10 - 4000 µR/h (0.1-40 µSv/h)
Measurement time | 0.25 s
Alarm types | audio tone and/or vibration
Power requirements | One AA size battery
Battery lifetime | 800 hours
Communication with PC | through IR-interface
Temperature range | -30°C to +50°C (-22°F to +122°F)

*- Other specifications are identical with the PM1703M