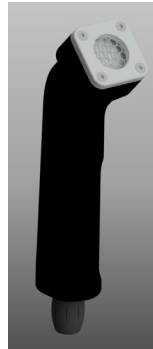


GM Rady3: Radiation Contamination Monitor

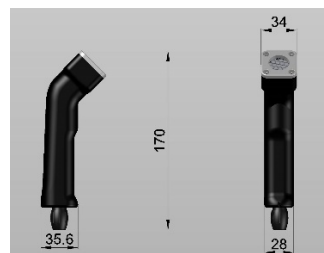


■ Features

- **User Friendly Large 3" Color Touch Screen.**
- **Optional Wireless Capability**
- Geiger Müller Detector / **Internal or External** GM Pancake Probe with a mica window.
 - [GMR3P7] Internal Probe: Probe diameter of **44.5mm / 1.75 inches.**
 - [P7] External Probe: Probe diameter of **44.5mm / 1.75 inches.**
 - [P4] External Probe: Probe diameter of **24.9mm / 0.98 inches.**
- Type of Radiation Detected: Alfa, Beta, Gamma and X-Ray.
- Allows following measurements:
 - Equivalent Dose Rate ($\mu\text{Sv/h}$, mR/h).
 - Surface Contamination: **Count Rate (CPS)**
 - Surface Contamination: **Customized units** can be defined using a calibration factor selected by the user i.e. **Bq/m²** or others.
- Measurement Types:
 - Rate / Maximum Rate / Accumulated.
- Measurement Range:
 - Internal Probe:
 - 0.1 $\mu\text{Sv/h}$ - 1 mSv/h, 0 cps -10 Kcps
 - [P7] External Probe:
 - 0.1 $\mu\text{Sv/h}$ - 1 mSv/h, 0 cps -10 Kcps
 - [P4] External Probe:
 - 0.1 $\mu\text{Sv/h}$ - 10 mSv/h, 0 cps -10 Kcps
- Handheld Portable Radiation Detector
- Two programmable threshold levels [Alarm and Pre-Alarm] for the Dose Rate and Customized Units.
- Record measurements and access historical data through the RadyNet Software installed on a PC.
- CE Mark.

■ Specifications

- Power Supply: 6V DC
- Li-Po Rechargeable Battery Life: 6 Hours
- Supplied with AC 110/240V 50/60Hz battery charger.
- Operating Temperature: -5° to 50°C
- Housing / Case Material: ABS
- Dimensions (W x H x L): 95 x 145 x 35mm / 3.7x 5.7 x 1.4 in.
- Weight: 350g / 12 oz.
- Includes a "Wall Mount" holder.
- Probe / Case and Wall Mount holder Material: **Carbon Resin EPX 82**



■ Traceable Calibration Certificate

All TRF radiation detectors are tested against TRF in-house sources and are provided with a Calibration Certificate.

TRF GM Rady 3 & 7 Related Products

■ RadyLink

The RadyLink device allows wireless connectivity between the GM RADY Area Monitor and a PC.

■ TRF RadyNet Software

The RadyNet software license allows for remote management of all GM Rady7 / GM Rady3 devices including operational settings, [GM Rady7] Power On / Off and mute controls.

Monitor / Display Features:

- The RadyNet software allows for the display of measurement data from an unlimited number of GM Rady detector probes in a matrix format.
- The RadyNet software can display the saved measurements [GM Rady3] and will allow access to historical data.
- The Rady Net software can display a record of dose rate measurements for a pre-set period [GM Rady7] and will allow access to historical data.
- Audible alarms can be set for user defined threshold levels. Accumulated dose can be measured over a user defined period.

Configuration Options:

- Dose rate threshold levels.
- Channel name.
- Date & Time.

The RadyNet software can be configured and customized for a facility and can display the following:

- Graphical depiction of the facility showing the radiation dose rate in all locations where GM Rady Probes have been installed [GM Rady7.]
- The dose rate at 1 meter from the radiation source [GM Rady7.]

The RadyNet software can be supplied with or without a computer.

■ RadyNetWeb

The **TRF RadyNetWeb** allows the user to monitor the measurements for an unlimited number of GM Rady 3 or GM Rady 7 radiation detector probes linked to the RadyNet Software that has been installed on a PC with an internet connection. Measurements can also be monitored from a mobile device or an external device with an internet connection.

■ RadyNet Options

Rady Vision

There is the option to link the GM Rady with a Surveillance Camera. This will allow for monitoring of the radiation dose as well as monitoring a real-time image [GM Rady7.]

Rady Waste

GM Rady has the ability to link with Radiation Waste Management Systems [TRF Decay Tank Systems] to determine the activity [Bq] and activity concentration [Bq/L] contained in the decay tanks, and also to control the activity [Bq] released to the sewer system does not exceed the permissible limits [GM Rady7.]

