

GMS310 Industrial Gamma Spectral Identification with API-200 Results

The GMS310 Gamma Spectral Identification Logger is ideally suited for the user that requires simple easy operation and rugged reliability. This unit is especially useful in the geophysical field of well or borehole logging and the scrap metal recycling sector. Three Regions of Interest (ROI) are preprogrammed from the factory with a total of 6 ROIs allowing the user to preset specific radionuclides important for your investigative or operational environment. Now with API-200 Results.

With the GMS310 you don't need to be a physicist to understand the results, which are common with more complex units that provide spectrum data for radionuclides unimportant to your operation.



With the large 51 x 51 mm (2 x 2 in) NaI detector the GMS310 provides quick isotope detection and identification allowing you to focus on your job and not waiting for the instrument to do its job. Sampling time is selectable via the onboard menu. Data is stored in the instrument until you have time to return to your computer to extract the measurements via the weatherproofed enclosed USB connector and supplied software. Behind the weatherproof enclosure the power recharging jack is also protected.

A rugged case, rechargeable batteries, battery charger, USB cable and PC software are included to complete the GMS310 package making the unit ready to use out of the box (after fully charging the batteries).

Key benefits are:

- Designed specifically for the rugged industrial environment and field use
- Easy to use unlike other gamma radiological identification handhelds
- No physics or special training required
- Large Detector for quick identification
- Cost effective and lower in price than traditional handheld spectroscopy units designed for Homeland Security or First Responders

The GMS310 comes preset with commonly used radionuclides Uranium, Thorium and Potassium. In addition to the 6 ROIs the unit uses an additional region covering the entire energy range for overall gross radiological measurements.

Operation of the GMS310 is accomplished through the use of the 6 large buttons that are easily operated even while wearing gloves or PPE. The buttons are color coded into function groups for power on/off, backlight, up/down and accept/decline. In addition to the large buttons the easily readable display has a bright backlight to allow operation in bright sun light or lighting conditions. On time for the backlight is adjustable via the menu.



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SPECIFICATIONS	
Display	128 x 64 pixel Transflective LCD with white LED backlight
User Controls	6 button operation: Power On / Off Backlight Back / No Accept / Yes Up Down
User Connections	Charger Input USB Type B for connection to a PC
Detector	Large 51 x 51 mm (2" x 2") NaI(Tl)
Energy Range	60keV to 2100keV
Power	2 NiMH 4000 mAh 'C' size batteries ~12 hrs. operation at 20°C Full charge in ~10 hrs.
Charger	Input Supply 110 to 240V AC, supplied with worldwide connectors
Environmental	
Temperature	Operating Range: -10°C to 40°C (14°F to 104°F)
IP Rating	IP54
External Dimensions	330L x 150H x 90W mm (13"L x 5.9"H x 3.5"W)
Weight	1.9kg (4.2 lbs.)
Transport Case	(transport case details may vary)
Dimensions	410L x 330W x 205H (16.2"L x 13"H x 8.1"W)
Total Weight	6kg with GMS310 and accessories

Key Features

- Large 51 x 51mm (2" x 2" NaI Detector)
- 6 ROIs w/API-200 & 1 Total Integral
- 3 ROIs preset, but are user settable
- Simple menu - 6 key operation
- Designed for rugged industrial environments
- Rechargeable batteries, included
- Rugged Carrying Case included
- USB data output
- PC Software included



*For more information on the versatile
GMS310 please visit this link:
GMS310.RotundaSciTech.com
Or contact us using the info below*

GMS 310 Gamma Core Logger Spectrometer	
Part Number	Description
GMS310	Hand-held Core Gamma Logger designed to measure naturally occurring K, Th, U and a total Spectrum Count – used in Oil and Gas exploration, Metal Recycling and other Industrial applications – PC application included

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