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GMC-300EPlus GMC-300E Plus Geiger Counter Radiation monitor

Price:

US\$95.00 | CAD\$128.25 | Euro€85.5 | GBP£79.8

List Price US\$149.00 ~ You save US\$54.00

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Description:

Sale for model: GMC-300E Plus

Stay connected with Geiger Counter World Map

Freeonline history unlimited data storage and Geiger Counter World Mapservice. Get the reading from anywhere of the world. Software submit the data every minute.

We are now experiencing Fukushima radioactive plume. It is time to get this monitoring instrument.

Real-time testing evaluation, scientific testing on samples like: Building Material, Hospital Radiation Therapy Monitoring for Cancer, Food, Water, Indoor/outdoor, X-Ray, and more..

This item is a brand new & newly designed digital Geiger Counter/Data recorder GQ GMC-300E Plus set.

Real-time Graphic, Text and Large Font mode (with latest firmware)

(Record radiation data and Play it back later)

This is a ready to go set. Everything included. No any adjustment needed. Place it anywhere and then read the data.

The GQ GMC-300E Plus is a newer model of GMC-300 series Geiger Counter. Compared with the previous model, the GMC-300E Plus improved overall quality. It installed a high contrast black/white LCD module, added one front LED indicator and one analog data port. The audio data port can be directly connected to any third party device application as data input, such as iPad.

Some pictures here may be taken from a GMC-300 model, but GMC-300E Plus has same features on it .

It is designed to be a portable and convenient device. The device comes with built in audible and visual signals for the level of radiation detected. It can be used for radiation detection and monitoring both indoor and outdoor, as well as in other similar environments. It features automatic data recording. It can continually monitor the radiation and log the data each second into internal memory. When connected to a PC, software can download the radiation history data to the computer and the user is able to analyze those data later.

The device is equipped with an USB port, utilized for communication and external power supply/charging of the internal rechargeable Li-on battery.

The GQ GMC-300E Plus internal rechargeable battery can be charged with a generic USB adapter/charger. Using the adapters, continuous data monitoring is possible. Using either power adapter you will not have to worry about the batteries charge condition or any data loss.

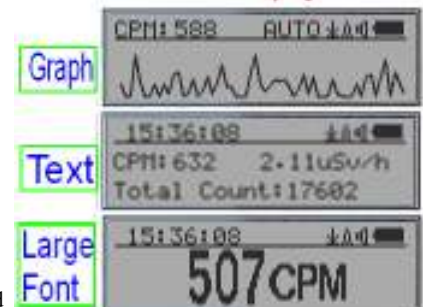
The software newly added Geiger Counter World Map connectivity. It allows user to store the reading data via internet to server. User is able to retrieve the history data any time , anywhere in the world. The service is free to GQ GMC users with unlimited history data storage space.

The main board also has a real time clock on board for time related data logging purposes.

The USB port communicates with the GQ GMC-300 Soft Geiger Counter software and the GQ Geiger Counter Data Viewer software.



Three Real-Time Display Modes



The GQ GMC-300E Plus Soft Geiger Counter software's appearance is an exact copy of the GMC-300 hardware human interface. You can download it for free and experience the GMC-300E Plus user interface before you purchase the real hardware.

The GQ Geiger Counter Data Viewer software can download the time stamped radiation (history) data from the unit and save it on a computer for future references and analysis.

For professional data logging of radiation data, the GQ Geiger Counter Data Viewer(Logger) may be downloaded for free. An even more advanced version, the GQ Geiger Counter Data Logger PRO software may be purchased at low cost from GQ Electronics LLC.

The GQ data viewer software also can be used as realtime data monitor. user is able to save the realtime data into Excel .csv text format, HTML file format etc.

GQ GMC-300E Plus provides open GQ RFC1201 communication protocol for easier system integration. See software download section for detailed protocol.

Specification:

- Radiation detection: Beta, Gamma and X-Ray .
- Sensitivity to Gamma Radiation: 0.1~1 MeV
- Own Background: 0.2 Pulses/s
- Working Voltage: 3.7-5V
- LCD Display: Dot matrix with back light
- Working power: 0.045W - 0.2W
- Power: 3.7V Li-on 14500 rechargeable battery / USB power

The following CPM data is measured by GMC-300:

Source	CPM reading
Background	20~40
Public park granite table	50~83
Uranium glass bead 238U	320
Uranium ore 238U	2905
Standard 5uCi radioactive source	26500

[Click here to see 'GQ Geiger Counter Selection Guide'](#)

Following pictures here may be taken from a GMC-300, but GMC-300E Plus has same features on it .

For technical support, please visit our support forum: <http://www.gqelectronicsllc.com/forum/default.asp>

See here for our [Soft GMC-300E Plus](#), the exact copy of GMC-300E Plus. You can try it before you buy it, please download it from: [GQ GMC-300Soft Geiger Counter](#)



<http://www.youtube.com/watch?v=0qHpNRBFjHg>

Measuring on Antique Vintage Radioactive Red Fiestaware Dinner Plate and candy Jar



	A	B	C	D	E	F	G
1	GQ Geiger Muller Counter Data Logger						
2	Date Time	CPM	1s	2s	3s	4s	...
3	3/8/2012 0:07	29	1	3	0	0	...
4	3/8/2012 0:08	19	1	0	0	1	...
5	3/8/2012 0:09	15	0	0	0	0	...
6	3/8/2012 0:10	11	0	2	1	0	...
7	3/8/2012 0:11	20	0	0	0	0	...
8	3/8/2012 0:12	25	0	0	2	0	...
9	3/8/2012 0:13	14	0	0	0	0	...
10	3/8/2012 0:14	21	1	0	0	0	...
11	3/8/2012 0:15	17	1	0	0	1	...
12	3/8/2012 0:16	23	0	0	1	0	...

Realtime data saved in Excel .CSV text format



<http://www.youtube.com/watch?v=cyvFGxCAUWg>

D:\Inp\TestData\20120308_09_42_48.htm - Windows In

D:\Inp\TestData\20120308_09_42_48.htm

File Edit View Favorites Tools Help

GQ Geiger Muller Counter Data Log

Date Time	CPM	1s	2s	3s	4s	5s	6s	7s	8s	9s	10s	11s
2012-03-08 00:07	28	1	0	0	0	0	0	1	0	1	0	0
2012-03-08 00:08	18	1	0	0	1	1	0	0	0	0	1	0
2012-03-08 00:15	15	0	0	0	0	1	0	0	0	0	0	1

Realtime data saved in HTML format

Space Radiation Detected on the airplane



<http://www.youtube.com/watch?v=cyvFGxCAUWg>

Main features:

- Small, portable hand-held
 - Audio and visual indication for nuclear radiation detections.
 - Dot matrix LCD digital display model with back light.
 - USB Data port for connection with computer/PC/laptop GQ Soft Geiger Counter software
 - Battery charging feature for charging internal battery.
 - USB DC input port for external power input, so that continually monitoring become possible.
 - Powerfull counter circuit is capable for handling counting up to 65,535 CPM (Count Per Minute).
 - High sensitivity tube M4011 installed (user can remove this tube install other tube if needed)
 - built-in battery charging circuit
 - On-board real-time clock
 - On-board flash memory for history data record
 - on-board speaker.
 - Dimension: 5"x2.85"x1"
 - 9V battery or DC power adapter operation
-
- Text mode provide maximum data information. eg. CPM, Date, Time, Elapsed time, uSv/h, mR/h etc.
 - Real-time graphic mode provide visualized real-time radiation changes, so that much easier to observe the data changes. It also display the CPM rate at same time. In Graphic mode, the ZOOM feature let user to see from lowest to highest graph onscreen.
 - Back light Control to set the back light ON/OFF and timeout. So that to save the power.
 - Battery charging and battery level indicator.
 - Speaker ON/OFF control.
 - Alarm setting. It sets the alarm ON/OFF, alarm type, alarm level.
 - Date time set the real-time clock.
 - Swivel display setting. 180 degree swivel display provides a convenience reading when unit upside down.
 - Three points calibration. For CPM to uSv/h and mR/h conversion
 - Power saving mode let unit keep running at minimum power.
 - Data saving mode selection. let unit record data every second/minute/hour. Up to 7 days history data
 - History data searching
 - and more....

Package include items:

- GQ GMC-300E Plus.
- USB cable
- Quick start guide
- Download link for SoftGeigerCounter and USB driver for Windows 32 and 64 bits

For technical support, please visit our support forum: [EnterForum Here](#)

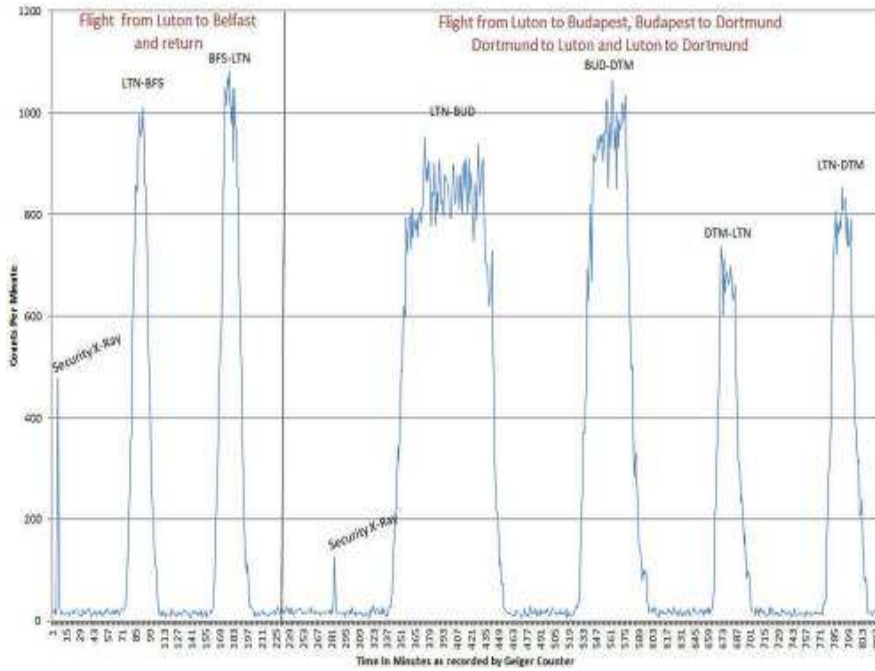


GQ data viewer software screen shot:

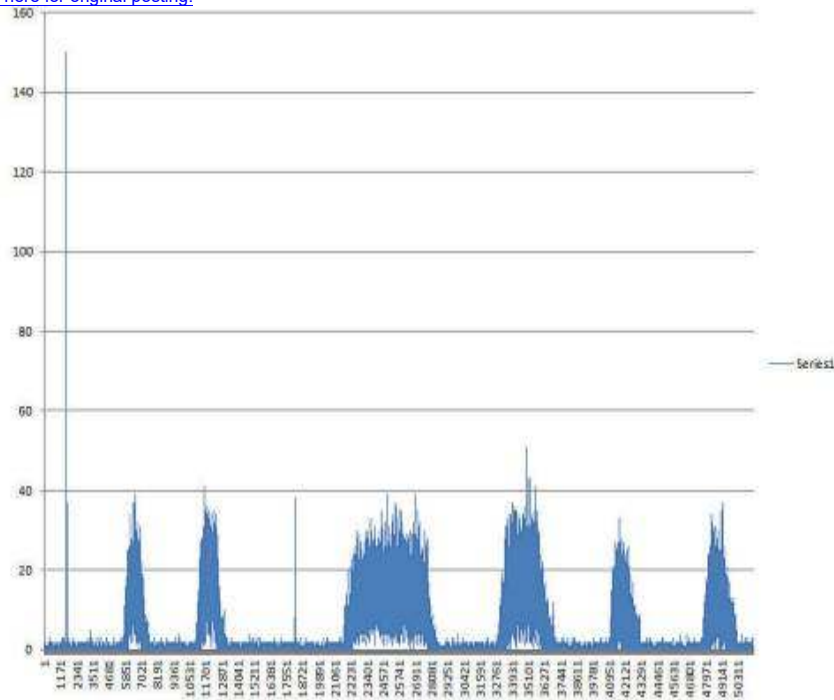


A Recorded History Data Example, CPM(Count Per Minute) Reading on airplane
[See here for original posting.](#)

Radiation Data Measured by GMC-300 Geiger Counter Over Two Days of Flying



Count Per Second Reading
[See here for original posting.](#)



From Chernobyl Exclusion Zone [See here for original posting.](#)




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