pehamed

CD Gam 1

for immediate detection of
Radioactive Emissions
via Geiger counter

For radiation level control after nuclear reactor accidents such as at

1. Tschernobyl
2. Fukushima
3. Sellafield
4. Harrisburg ...

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CD Gam 1

"FUKUSHIMA is everywhere!" (Greenpeace)

The **"CD GAM 1"** is a new, reasonably priced, compact, and easy-to-use measurement device for immediately detecting ionizing radiation (alpha, beta, gamma and X-ray radiation).

You can quickly determine the radiation dose and radiation exposure by simply reading the display!

The **"CD GAM 1"** is suitable for a wide range of applications including:
- Food inspection
- Medical X-ray and nuclear medicine
- Radiologists, dentists, clinics, veterinarians, radiologic technologist schools
- Control areas in nuclear power plants
- Police, fire departments, military, customs
- Industrial X-ray applications
- Technical relief organizations
- Environmental protection organizations (e.g. Greenpeace)
- Control of CASTOR transports

Technical Specifications:

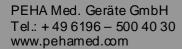|		
➢	Measurement Range:	0.01 µSv/h – 1000 µSv/h
➢	Data Display Frequency:	5 s
➢	Maximum Background Count Rate:	< 10 counts per minute
➢	Alarm Threshold:	2.5 µSv/h, 5 µSv/h, 10 µSv/h, 50 µSv/h, 200 µSv/h, 500 µSv/h (selectable)
➢	Power Supply:	3.6 V / 320 mAh LiPo rechargeable battery (rechargeable via USB interface)
➢	Power Consumption:	4 mA
➢	Operating Time:	80 h
➢	Memory Capacity:	10,920 data sets. That means, for example, that the device can store ca. 7.5 days of measured values using an average measured value logging interval of 1 min!
➢	Average Measured Value Logging Interval:	1 s, 10 s, 1 min, 10 min, 1 h (selectable)
➢	Dimensions:	135 mm x 75 mm x 26 mm (LxWxH)
➢	Weight:	145 g

Availability: Immediately available in limited quantities

PEHAMED: 40 years of experience in quality assurance in radiology

Certified according to ISO 9001 and ISO 13485

Made in Germany