

WebiSmarts System

Measuring Range: 0.1 uSv/h to 10 mSv/h (0.01 mR/h to 1 R/h)

Area Gamma Detector GM-42 (Low Range) CAT: BAK-2435

Radiation Detection Division

The GM-42 Detector is a sensitive low range gamma radiation detector used to measure dose rates in areas where radioactive material is handled such as clean rooms, radio pharmacies, Q.A. Departments packing rooms and backup to the extremely sensitive PM-11 Exhaust Stack Detector.

The GM-42, like all the WebiSmarts detector contains its calibration factor and identifying features, which makes it easy to install and switch with other detectors without any additional setup or preparation.



Features

- Internal calibration factor
- Unique "electronic" identifier
- Quick Connect connector
- Quick Connect plug

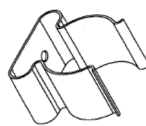
GM-42 Area Gamma Detector

Includes:

GM-42 Detector
BAK-1210



Bracket External Detector
BAK-1200



Related Products

GM-41 Detector
BAK-1190



PM-11 Detector
BAK-1510



Neutron Detector
BAK-1290



Stack Flow Meter
BAK-1151



Technical Data

Geiger Type	ZP-1201 or equivalent
Measuring Range	0.1 μ Sv/h to 10 mSv/h (0.01 mR/h to 1 R/h)
Sensitivity	17 cps/mR/h
Accuracy	\pm 10% reading within the measuring range
Energy Range	50 keV - 1.3 MeV
Energy Dependence	\pm 20%
Angular Dependence	Less than \pm 20% for \pm 45° of preferred direction
Temperature Range	Operation: -10°C to +50°C Storage: -20°C to +60°C
Humidity Range	40% to 95% RH (non condensing)
Dimensions:	197 mm (7.75") Length x 38 mm (1.5") Diameter
Weight	250 gr (0.55 lb)
Casing	Aluminium, splash proof
Hook-up cable length	up to 100 m
Output signals	TTL pulses (5V, 5ms) Detector status logic: Identification, malfunction, overflow

ROTEM INDUSTRIES reserves the right to change specifications without advance notice