

RadEye G20-10

X-Ray and Gamma Survey Meter

The **RadEye G20-10** X-Ray and Gamma Survey Meter for ambient equivalent dose and dose rate measurement are the perfect solution for nuclear industry personnel as well as civil defense, fire brigades, and hospital and pharmaceutical industry employees who work with radiation-emitting equipment.

Feature Benefits

- Fast response, even below 1 $\mu\text{Sv/h}$
- Rugged, compact design with thick rubber protective cover
- Menu-driven user interface for low training cost and immediate familiarity
- Huge internal data memory for both scale results and continuous data recording
- Bright backlit LCD display, offering plain text messages in multiple language choices
- Audible indication: single pulse or chirper mode proportional to count rate
- Earphone output for operation in loud environments



Nuclear medicine personnel who work with medical isotopes or in facilities that use radiation need to monitor their risk of exposure at all times.

Protect employees and meet occupational safety regulations with the Thermo Scientific **RadEye G20-10** X-Ray and Gamma Survey Meters.

These lightweight, compact instruments are ideal for ambient equivalent dose and dose rate measurement, with a flat energy response curve from 17keV to 1.3MeV according to ambient equivalent dose $H^*(10)$.

Technical Information RadEye G20-10

Full Specifications

Applications	Civil defense/fire brigades, hospitals, nuclear industry, and the pharmaceutical industry
Description	RadEye G20-10 X-Ray and Gamma Survey Meters
Detectors	Pancake GM with multi-element filter
Height (English)	5.12 in.
Height (Metric)	130mm
Depth (English)	2.44 in.
Depth (Metric)	62mm
Temperature (English) Operating	-4 to +122°F
Temperature (Metric) Operating	-20° to +50°C
Weight (English)	10.6 oz.
Weight (Metric)	300g
Width (English)	2.64 in.
Width (Metric)	67mm
Measurement Ranges	0.01 μ Sv/h to 2mSv/h
Energy Range	17 keV to 3 MeV(\pm 30%); 17 keV to 3.0 MeV according to IEC 60846-1 (2009)
Battery Life	More than 500 hours on two AAA batteries
Battery Type	2 AAA batteries
Certifications/Compliance	Designed to meet and exceed IEC 60846-1.
Display Type	Backlit LCD
Dose Rate Limit	2mSv/h (200mrem/h)
Item Description	RadEye G20-10 X-Ray and Gamma Survey Meters, Upper dose rate limit: 2 mSv/h
Linearity	+/- 10% within the measurement range
Response Time	Approx. 4 cps per μ Sv/h
Units	Sv/h; rem/h



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Point Security, Inc.
5815 NC Hwy 8 South
Lexington, NC 27292
1-800-476-1607