Tracerco™ T202

Tracerco
Insight through innovation

X-ray and gamma ray measurement

The Tracerco T202 radiation dose rate monitor has been specifically designed to combine intrinsic safety with robust and reliable characteristics. It provides key operational features, such as peak dose rate memory.

Benefits

- Intrinsically safe - no need for a hot work permit
- Reads and records peak measurement so you can measure radiation levels remotely
- It can be used in all weathers
- Adjustable alarm thresholds
- Lightweight, making it easy to carry and manoeuvre
- Digital bar graph display and dose rate integration
- Easy to decontaminate

Markets

- Oil and Gas
- First responders
- Military
- Life sciences
- Mining
- Nuclear
- Medical
- Environmental agencies

Accessories

- Extension clamp kit
- Protective leather holder

Tracerco™ T202 specification

Performance			
Radiation detected	X-rays and gamma rays in range 59keV to 1332 keV	**Accumulated dose range**	Digital numeric display 0-10,000 µSv 0-1,000 mrem
Detector	Single halogen, energy compensated Geiger Muller tube	**Peak radiation dose rate**	Digital numeric display 0-10,000 µSv/h 0-1,000 mrem/h
Dose rate range	Bar graph display 0-1000 µSv/h Digital numeric display 0-10,000 µSv/h 0-1,000 mrem/h		

Electrical characteristics			
Battery	Varta Hi Energy 6LP3146	**Low battery indication**	On 4 hours battery life remaining
Battery life	100 hours typically with background radiation	**Variation with battery voltage**	Less than 2%

Mechanical characteristics			
Case material	Static dissipative nylon body with ABS window	**Weight**	500 grammes

Environmental			
Variation with temperature	Less than 15% over operating temperature range	**Humidity range**	0 - 95%
Ingress protection rating	Rated IP65 (dust tight and will withstand water jets)	**Hazardous area certification code**	

Hazardous area certification code

ATEX: Certification No. Baseefa05ATEX0151
Marking - ⟨Ex⟩ II 1G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C)

IECEx: Certification No. IECEx BAS.05.0064
Marking - Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C)

Hazardous area classification code

ATEX & IECEx: Zone 0, 1, 2 gas group IIA, IIB, IIC

Standard compliance

BS EN 60846, EN55011, IEC60079-0, IEC60079-11, IEC61010-1