



Radiation Dose Rate Monitor

TRACERCO™ T202: Radiation Dose Rate Monitor

The TRACERCO™ Radiation Dose Rate Monitor is Intrinsically Safe*. We have achieved the ultimate lightweight, practical hand held monitor; so much easier to use and carry than the traditional hand held radiation monitors. It has a variety of applications from oil and gas production to military and first responders.

Our monitor is robust and reliable. Coupled with its excellent lightweight design and the fact it is intrinsically safe, this makes it perfect for challenging environments.

The benefits of using our monitor are:

- Intrinsically safe so no need for a hot work permit to operate in a hazardous area
- Reads and records peak measurement so you can measure radiation levels remotely
- Use in all weathers and shock proof
- Alerts you when it needs to be calibrated

- Adjust your own alarms
- Lightweight, making it easy to carry and maneuver
- Easy to read display
- Easy to decontaminate

There are some accessories available with the monitor:

- Robust weatherproof transit case
- Extension clamp kit
- Protective leather holder
- Sr90 test source
- Safety signs and labels

For more information and full technical specifications please visit our website at www.tracerco.com/monitors

* Intrinsically safe means something that will not create ignition where an explosive gas is present. This is imperative when working in hazardous areas such as in Oil and Gas production.



Applications:

- Oil and gas
- First responders
- Military
- Research laboratories
- Mining
- Nuclear power
- Medical
- Environmental agencies

Did you know...?

As well as supplying your monitor we can also service, repair and calibrate it.

We also offer monitors for hire.

For enquiries:

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Email: radiation.monitors@tracerco.com

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TRACERCO™ T202 Radiation Monitor Specification

Casing	Rated IP65	Variation with battery voltage	Less than 1%.
Radiation detected	X-rays and gamma rays in range 60keV to 1.25Mev.	Battery life	100-hours typically with background radiation.
Detector	Single Halogen, Energy compensated Geiger Muller tube.	Low battery indication	On 4 hours available life left.
Dose rate range	Bar graph meter 0-1000uSv/h (displays 0.01uSv/h) Digital meter 0-10,000 uSv/h USA version: Bar graph meter 0.100 mRem/h (displays 0.01mRem/h)	Battery	Alkaline Manganese MN1604 or MX1604.
Accumulated dose range	Digital 0-10,000 μSv. USA Version: Digital 0-1,000 mRem.	Certification	Intrinsically Safe Coded Ex ia IIC T4 (-20°C ≤Ta ≤ 40°C). Equipment category II 1G. Suitable for hazardous areas zones 0, 1 & 2.
Peak radiation dose rate	Digital 0-10,000 μSv/h. USA version: digital 0-1,000 mrem/h.	Weight	500 grammes.
Variation with temp	Less than 15% over temperature range -25°C to +50°C.	Humidity range	0-95%.

