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
- 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.

† Please refer to specification table over the page.

Award Winning Radiation Monitoring

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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TRACERCO™ T202 Radiation Monitor Specification

Radiation detected	X-rays and gamma rays in range 59keV to 1332 keV.
Detector	Single halogen, energy compensated Geiger Muller tube.
Dose rate range	Bar graph display 0-1000 µSv/h Digital numeric display 0-10,000 µSv/h USA version: Bar graph display 0-100 mRem/h Digital numeric display 0-1000 mRem/h.
Accumulated dose range	Digital numeric display 0-10,000 µSv. USA version: Digital numeric display 0-1,000 mRem.
Peak radiation dose rate	Digital numeric display 0-10,000 µSv/h. USA version: Digital numeric display 0-1,000 mRem/h.
Case material	Static dissipative nylon body with ABS window.
Hazardous area certification	Equipment code Ex ia IIC T4 (-20°C <Ta< 40°C) Ga. ATEX code II 1G. Suitable for hazardous area zones 0, 1 and 2.
Variation with battery voltage	Less than 2%.
Battery life	100 hours typically with background radiation.
Low battery indication	On 4 hours available life left.
Battery	Alkaline Manganese MN1604 or MX1604.
Ingress protection rating	Rated IP65 (dust tight and will withstand water jets).
Humidity range	0 to 95%.
Weight	500 grammes.
Variation with temperature	Less than 15% over operating temperature range .
Standard compliance	The monitor meets the following EU directives: 2004/108/EC Electromagnetic Compatibility Directive 94/9/EC ATEX Directive.

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IECEx CERTIFIED

FM APPROVED

XM0457/0/B