

# Radiation Dose Rate Monitor



## TRACERCO™ T402: Radiation Dose Rate Monitor

The T402 has been designed to be lightweight yet tough and to measure dose rate and peak exposure. A perfect design for hand held radiation monitoring.

The benefits of using our monitor are:

- 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 clean and decontaminate as it has a smooth design and is waterproof

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](http://www.tracerco.com/monitors)



## 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:

**Tel:** +44 (0) 1642 375171

**Email:** [radiation.monitors@tracerco.com](mailto:radiation.monitors@tracerco.com)

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### TRACERCO™ T402 Radiation Monitor Specification

<b>Radiation detected</b>	X-rays and gamma rays in range 59 keV to 1332 keV.	<b>Variation with battery voltage</b>	Less than 1%.
<b>Detector</b>	Single halogen, energy compensated Geiger Muller tube.	<b>Battery life</b>	100-hours typically with background radiation.
<b>Case material</b>	Robust, chemical resistant polymers.	<b>Low battery indication</b>	On 4 hours available life left.
<b>Dose rate range</b>	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.	<b>Battery</b>	Standard 9V PP3 battery.
<b>Accumulated dose range</b>	Digital numeric display 0-10,000 µSv. USA version: Digital numeric display 0-1,000 mRem.	<b>Ingress protection rating</b>	Rated IP65 (dust tight and will withstand water jets).
<b>Peak radiation dose rate</b>	Digital numeric display 0-10,000 µSv/h. USA version: Digital numeric display 0-1000 mRem/h.	<b>Humidity range</b>	0 to 95%.
		<b>Weight</b>	500 grammes.
		<b>Variation with temperature</b>	Less than 15% over operating temperature range.
		<b>Standard compliance</b>	The monitor meets the following EU directives: 2004/108/EC Compatibility Directive.

