

# Radiation Contamination Monitor



## TRACERCO™ T401: Radiation Contamination Monitor

The T401 measures radioactive contamination.

We have designed this radiation monitor to make life easy for the worker. The ultimate lightweight, practical hand held monitor; so much easier to use and carry than the traditional hand held radiation monitors.

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

The benefits of using our monitor are:

- Easy to read bar-graph display
- Reads peak measurement so you can measure radiation levels remotely
- Detachable probe with 1.5 metres of cable
- Use in all weathers and shock proof
- Alerts you when it needs to be calibrated

- Adjust your own alarms
- It is lightweight, making it easy to carry and maneuver
- Rotating probe 90° for internal surface measurements

There are some accessories available with the monitor:

- Robust weatherproof transit case
- Protective leather holder
- Extension arm kit
- Sr-90 test source
- 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

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## TRACERCO™ T401 Contamination Monitor Specification

<b>Radiation detected</b>	Alpha / Beta / Gamma Automatic direct translation to Bq/cm <sup>2</sup> for Cs-137, Am-241, C-14, Cl-36, Pb-210 (wet and dry), Ra-226 (wet and dry), Sr-90, Co-60, P-32, Pu-239, U-238.	<b>Battery life</b>	100 hours typically with background radiation.
<b>Detector</b>	Single halogen thin window Geiger Muller tube.	<b>Low battery indication</b>	On 4 hours available life left.
<b>Case material</b>	Robust, chemical resistant polymers.	<b>Battery</b>	Standard 9V PP3 battery.
<b>Display</b>	Bar graph display (0-1000 CPS) Digital numeric display in CPS or Bq/cm <sup>2</sup> .	<b>Ingress protection rating</b>	Main case is sealed to IP65 sensor head sealed to IP34.
<b>Over-range response</b>	Bar graph display will read full scale. Digital numeric display shows 0UeR (over) above 4000CPS.	<b>Humidity range</b>	0 to 95%.
<b>Variation with battery voltage</b>	Less than 2%.	<b>Weight</b>	1 kilogram (approx.).
		<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 Electromagnetic Compatibility Directive.

