

Tracerco™ T401

Contamination Monitor

The Tracerco™ T401 contamination monitors are suitable for those working in oil & gas, medical and life sciences, nuclear, CBRNe and emergency services, NDT, manufacturing, and environmental and waste management industries.

The Tracerco™ monitors benefit from high-level functionality with added environmental tolerance, and they are a highly cost-effective monitor where intrinsic safety is not a concern.

Tracerco™ T401 contamination monitor is particularly suited to the detection of radioactive contamination, and this typically arises where man-made or naturally occurring isotopes are processed. This includes nuclear power, land remediation, research and development and medicine applications.

They also offer a number of additional key features, such as operational reliability, a direct surface ability mode and peak reading to make life easier for the worker.

The Tracerco™ T401 provides excellent sensitivity for the detection of alpha and beta radiation

Features

- Dual bar graph meter display: 0-1000 cps
- Digital numeric display provides automatic direct translation to Bq/cm² for 14+ pre-programmed nuclides, natural and man-made.
- Detachable radiation probe with up to 1.5 metres of extendable cable.
- Optional extension arm for surveying contaminated pipework, drains, laboratory floors.
- Probe stepwise rotatable through 90° for internal surface measurements.
- Backlight facility.
- Audible response with adjustable alarm thresholds.
- Ruggedised nylon 6/6 construction and modular integrated electronics provide an all-weather instrument.
- Minimal servicing and maintenance costs.



Tracerco

Providing Insight Onsite

Specifications

Mechanical

Case Material	Robust, chemical resistant polymers with ABS window
Weight	600 g approx.

Radiological Performance

Radiation Detected	Alpha/Beta/Gamma Automatic direct translation to Bq/cm ² 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
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Detector	Single, halogen thin window Geiger Müller tube
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Over Range Response	Bar graph display will read full scale Digital numeric display will show 0UEr (0UEr) above 4000 cps
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Variation with Temperature	Less than 2%
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Specifications are subject to change without notice.
For the most up-to-date specifications, please visit www.tracerco.com

Battery

Battery	Standard 9V PP3 battery
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Battery Life	100 hours typically with background radiation
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Low Battery Indication	On 4 hours battery life remaining
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Variation with Battery Voltage	Less than 15% over operating temperature range
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Environmental

Humidity Range	Up to 95%
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Ingress Protection Rating	Main case is sealed to IP65 Sensor head sealed to IP34
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Compliance

Standard Compliance	The monitor meets the following EU Directives: 2004/108/EC Electromagnetic Compatibility Directive
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Version 1.0 May 2020