

TRACERCO™ Radiation Monitors

TRACERCO™ T401: Radiation Contamination Monitor

This monitor combines the same high level of functionality and environmental tolerance normally associated with the T201 and provides a highly cost effective alternative where intrinsic safety is not a consideration. The instrument is particularly suited to the detection of radioactive contamination which can arise in a variety of industries where man-made or naturally occurring isotopes are processed, including Nuclear Power, Land Remediation, Research and Development and Medicine.

The **TRACERCO™** T401 Contamination Monitor has been designed to meet the challenge of combining operational reliability with excellent sensitivity and a number of additional key features such as, direct surface ability mode and peak reading to simply make life easier for the worker.



The **TRACERCO™** T401 Contamination Monitor offers several unique and important features:-

- Excellent sensitivity for the detection of alpha / beta radiation
- Dual bargraph meter display: 0–1000cps.
- 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 attachment for surveying contaminated pipework, drains, laboratory floors etc.
- Probe stepwise rotatable through 90° for internal surface measurements.
- Displays calibration due date.
- Backlight facility.
- Audible response with adjustable alarm thresholds.
- Ruggedised nylon 6/6 construction and modular integrated electronics provide an all-weather instrument with minimal servicing and maintenance costs.

TRACERCO™ T401 Contamination Monitor Specification

Casing (head)	Rated IP34	Battery	Standard 9V PP3 battery
(body)	Rated IP65	Variation with battery voltage	Less than 1%.
Radiation detected	Alpha / Beta.	Battery life	100-hours typically with background radiation.
Detector	Single halogen Geiger Muller tube.	Low battery indication	On 4 hours available life left.
Variation with temp.	Less than 15% over temperature range -25°C to +50°C.	Weight	850 grammes.
Humidity Range	0-95%.	Extension arm (optional extra)	4-piece, interconnecting, coated aluminium and steel, extendable to approximately 1-metre.

The **TRACERCO™** T401 Contamination Monitor can be purchased complete with:

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



See pages 21-24
Radiation Monitor Accessories

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