

TRACERCO™ T401: Radiation Contamination Monitor



The T401 measures radioactive contamination and has been designed to make life easy for the worker. The ultimate lightweight, practical hand held monitor.

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

- Adjust your own alarms
- It is lightweight, making it easy to carry and manoeuvre
- 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
- Safety signs and labels

TRACERCO™ T401 Contamination Monitor Specification

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.
Detector	Single halogen thin window Geiger Muller tube.
Case material	Robust, chemical resistant polymers.
Display	Bar graph display (0-1000 CPS) Digital numeric display in CPS or Bq/cm ² .
Over-range response	Bar graph display will read full scale. Digital numeric display shows 0UER (over) above 4000CPS.
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	Standard 9V PP3 battery.
Ingress protection rating	Main case is sealed to IP65 sensor head sealed to IP34.
Humidity range	0 to 95%.
Weight	1 kilogram (approx.).
Variation with temperature	Less than 15% over operating temperature range.
Standard compliance	EU directives: 2004/108/EC Electromagnetic Compatibility Directive.

Applications:

- Oil and gas
- First responders
- Military
- Research laboratories
- Mining
- Nuclear power
- Medical
- Environmental agencies