

TRACERCO



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Tracerco is a trusted global provider of radiation monitoring solutions, offering specialized instruments for contamination monitoring, dose rate measurement, and personal dosimetry. Their technologies are widely adopted in the medical field, supporting hospitals, radiology departments, and nuclear medicine facilities in maintaining safety and meeting regulatory standards.

In clinical environments where staff are routinely exposed to ionizing radiation, Tracerco's personal dosimeters provide real-time data on individual exposure, helping healthcare professionals manage risk with precision. Their contamination monitors assist in verifying cleanliness of surfaces, tools, and protective gear—minimizing the risk of radioactive spread in patient care areas. Meanwhile, dose rate monitors enable medical teams to assess radiation levels in treatment rooms, diagnostic zones, and controlled areas, ensuring that shielding and procedural safeguards remain effective.

With a focus on reliability, usability, and accuracy, Tracerco's solutions help medical institutions create a safer working environment while continuing to deliver essential diagnostic and therapeutic services.

Strengthen your radiation protection practices with Tracerco's advanced monitoring instruments—engineered for healthcare professionals.

CONTAMINATION MONITORING



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Radiation Safety > Contamination monitoring

Contamination Monitor T401 - Tracerco

The Contamination Monitor T401 from Tracerco is useful in multiple fields, like oil & gas, medical and life sciences, nuclear, CBRNe and emergency services, NDT, manufacturing, and environmental and waste management industries.

Tracerco's contamination monitors benefit from high-level functionality with added environmental tolerance. They are also highly cost-effective.



This is not an intrinsically safe contamination monitor, but this contamination monitor is particularly suited to the detection of radioactive contamination. This includes nuclear power, land remediation, research and development and medicine applications.

CONTAMINATION MONITOR T401 FEATURES

- Operational reliability
- Direct surface ability mode
- Peak reading
- Dual bar graph meter display of 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 and so on
- 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

If you want to see all Tracerco's monitors, take a look at [our partner's website!](#)



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Radiation Safety > Contamination monitoring

Contamination Monitor T403 - Tracerco

The Tracerco™ T403 Radiation Contamination Monitor is designed to meet the challenge of combining the operational reliability under adverse conditions with excellent sensitivity and robust construction.



Specifications Contamination Monitor T403 from Tracerco

Contamination Monitor T403 - Tracerco

DOSE RATE MONITORING



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Radiation Safety > Dose rate monitoring

Dose Rate Monitor T402 & T402HR - Tracerco

The non-intrinsically safe radiation (contamination) Dose Rate Monitors T402 & T402HR offers an alternative to the Tracerco™ T202 Dose Rate Monitor. The instrument is designed for use in a wide range of industrial applications where radioactive substances are present.



Specifications Dose Rate Monitor T402 & T402HR Tracerco

Contamination Dose Rate Monitor T402 & T402HR

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Radiation Safety > Dose rate monitoring

Intrinsically Safe Radiation Dose Rate Monitor (T202) Tracerco™

The Tracerco T202 dose rate monitor provides key operational features like peak dose rate memory and personal dose integration. Tracerco designed the monitor specifically to combine intrinsic safety with robust and reliable characteristics.

The monitor is suitable for all kinds of markets like:

- Oil and gas
- First responders
- Military
- Life sciences
- Mining
- Nuclear
- Medical
- Environmental agencies



TRACERCO DOSE RATE MONITOR BENEFITS

- Intrinsically safe, so no need for a hot work permit
- Reads and records peak measurements so you can measure radiation levels remotely
- It can be used in every weather
- Adjustable alarm thresholds
- Lightweight
- Digital bar graph display and dose rate integration
- Easy to decontamination

If you want to know more about Tracerco Dose rate monitors, take a look at [our partner's site!](#)



Need advice or do you have a question?

Contact PEO!

ALPHA, BETA & GAMMA SPECTROMETRY



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Nuclear Medicine > Alpha, beta & gamma spectrometry

Potash Monitor (T206) Tracerco

The Tracerco Potash Monitor™ (potassium-40) makes use of a robust detector technology and is very sensitive to the radioactivity of potassium-40.

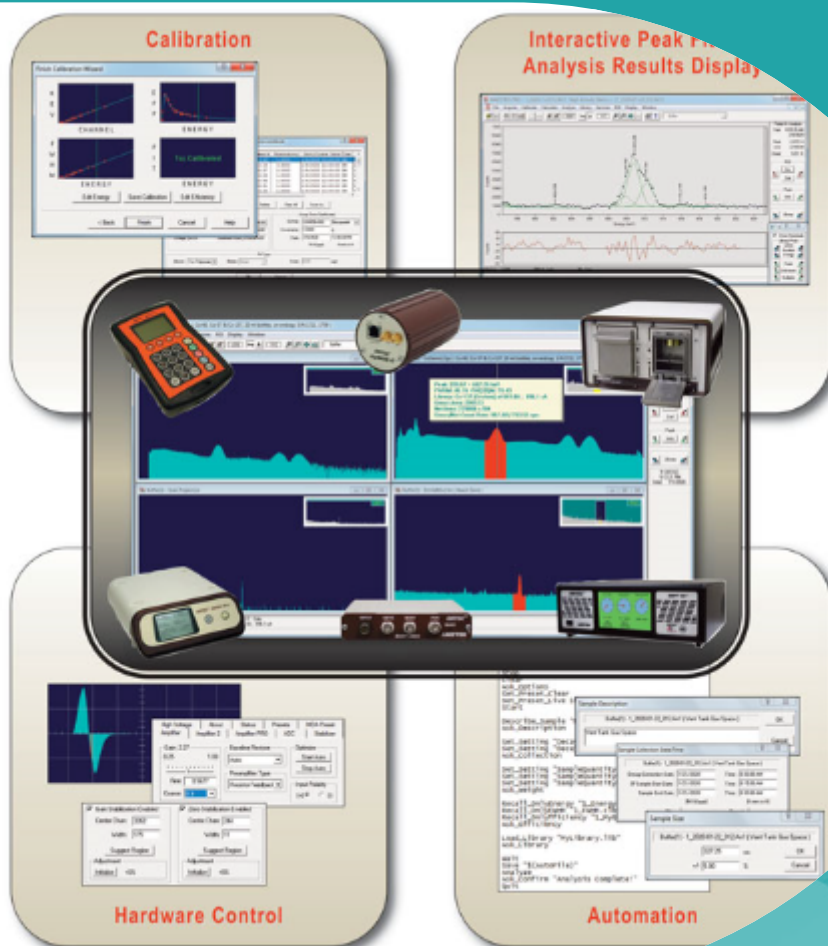


The instrument is specifically calibrated to measure an accurate direct reading of the percentage of potassium-40 in the surrounding environment. The detector probe is particularly suitable for placement in boreholes.

Specifications Potash Monitor (T206)

Potash Potassium-40 Monitor

SOFTWARE



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Radiation Safety > Personal dosimetry

Dosimeter software DoseVision™ and DoseVision™ Tracerco



The dosimeter PC software interface for the PED-IS PED Blue and PED+ is specifically designed for simplicity and interactivity. DoseVision™ allows users to set alarms and reports. This is to assign users to the PED, and download and analyze data.

advantages of DoseVision:

- cumulative dose rate data analysis
- peak dose rates
- data export and easily generate reports
- password protection
- software and firmware updates available for free
- easy management of PED users
- GPS data logging using the PED+

advantages of DoseVision Live™ :

- Bluetooth connectivity
- live dose rate data
- management control for up to 7 devices
- live status updates

DoseVision Live dosimeter software Tracerco

PERSONAL DOSIMETRY



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Radiation Safety > Personal dosimetry

PED2 (Personal Electronic Dosimeter) - Tracerco

An intrinsically safe certified personal electronic dosimeter, with handheld survey mode and enhanced features such as Bluetooth, GPS and pop-up message alarms



Easy to use and understand

Large, easy-to-read colour display ensures vital information is clear, simple to understand and visible in any lighting scenario

A single button is used to navigate an intuitive carousel menu

Alarm settings trigger audible, visual, textual and haptic alerts

Flexible radiation protection

Instantaneously measures, records and displays dose rate and accumulated dose in real time

Up to four configurable dose and dose rate alarm settings

Optional extended range calibration up to 1 Sv/h where potential exists for emergency situations

IS certification

PED2-IS and PED2-IS+ are ATEX certified. This European certification is given to equipment that is tested and approved to be intrinsically safe. Giving you the peace of mind that the IS certified PED2 range is able to safely measure radiation exposure in potentially explosive environments.

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Radiation Safety > Personal dosimetry

PED2-IS (Personal Electronic Dosimeter) - Tracerco

An intrinsically safe certified personal electronic dosimeter for use in potentially explosive environments



Easy to use and understand

Large, easy-to-read colour display ensures vital information is clear, simple to understand and visible in any lighting scenario

A single button is used to navigate an intuitive carousel menu

Alarm settings trigger audible, visual, textual and haptic alerts

Flexible radiation protection

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Radiation Safety > Personal dosimetry

PED2+ (Personal Electronic Dosimeter) - Tracerco

For use as both a personal radiation dosimeter and a handheld dose rate survey meter including enhanced features, such as Bluetooth, GPS and pop-up message alarms



Easy to use and understand

Large, easy-to-read colour display ensures vital information is clear, simple to understand and visible in any lighting scenario

A single button is used to navigate an intuitive carousel menu

Alarm settings trigger audible, visual, textual and haptic alerts

Flexible radiation protection

Instantaneously measures, records and displays dose rate and accumulated dose in real time

Up to four configurable dose and dose rate alarm settings

Optional extended range calibration up to 1 Sv/h where potential exists for emergency situations

IS certification

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Radiation Safety > Personal dosimetry

PED2 (Personal Electronic Dosimeter) - Tracerco

A flexible personal electronic dosimeter for general radiation protection applications



Easy to use and understand

Large, easy-to-read colour display ensures vital information is clear, simple to understand and visible in any lighting scenario

A single button is used to navigate an intuitive carousel menu

Alarm settings trigger audible, visual, textual and haptic alerts

Flexible radiation protection

Instantaneously measures, records and displays dose rate and accumulated dose in real time

Up to four configurable dose and dose rate alarm settings

Optional extended range calibration up to 1 Sv/h where potential exists for emergency situations

IS certification

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Radiation Safety › Personal dosimetry

PED-ER+ (Personal Electronic Dosimeter) - Tracerco

Radiation safety - simplified

Tracerco's range of personal electronic dosimeters (PEDs) are suitable for oil and gas, medical and life sciences, nuclear, CBRNe and emergency services, NDT, manufacturing and industrial, and environmental and waste management industries. We offer both intrinsically safe and non-intrinsically safe options for all needs.

PED-ER+ (Personal Electronic Dosimeter) from Tracerco

The PED-ER+ provides the ultimate in radiation monitoring, measurement and management for those working in challenging environments. Ideal for use by industrial NDT workers, emergency services and first response teams (CBRNe).



Benefits of the PED-ER+ include:

- An extended dose rate range of up to 1Sv/h
- Weather, shock and drop-proof housing - ideal for rugged environments
- Large clear display
- Portable - can be used as both a personal dosimeter, and a handheld dose rate survey meter
- Pop-up message alarms when dose limits are reached

Would you like to receive more information?

Contact PEO!

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Radiation Safety › Personal dosimetry

PED+ (Personal Electronic Dosimeter) - Tracerco

Radiation safety - simplified

Tracerco's range of personal electronic dosimeters (PEDs) are suitable for oil and gas, medical and life sciences, nuclear, CBRNe and emergency services, NDT, manufacturing and industrial, and environmental and waste management industries. We offer both intrinsically safe and non-intrinsically safe options for all needs.

PED+ (Personal Electronic Dosimeter) from Tracerco

The PED+ can be used as both a personal dosimeter and a handheld dose rate survey meter. It has a number of additional features, such as Bluetooth, GPS and pop-up message alarms.



Benefits of the PED+ include:

- Handheld mode allows the device to be used as a handheld survey meter
- Shows readings in dose rate (Sv or rem) and displays a live trend graph to show activity in real time
- Measurement is corrected for use off-body, so personal accumulated dose is not recorded
- Dose rate data is logged in off-body mode, allowing data review with DoseVision™
- Pop-up alert messages display clear instructions at alarm threshold
- Allows location data to be logged to the device alongside dose and dose rate data, that can be viewed using DoseVision™

Would you like to receive more information?

Contact PEO!

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Radiation Safety › Personal dosimetry

PED-IS (Personal Electronic Dosimeter) - Tracerco

PED-IS FROM TRACERCO

Personal Electronic Dosimeter

The PED-IS, Personal Electronic Dosimeter is an ideal dosimeter for workers who are not specially trained to measure radiation exposure. The entire PED has been designed with the user in mind, so it is very user friendly. The AMOLED display features a simple diagram of a man that fills with colour when the dosimeter detects radiation, and it also shows radiation graph measurements.

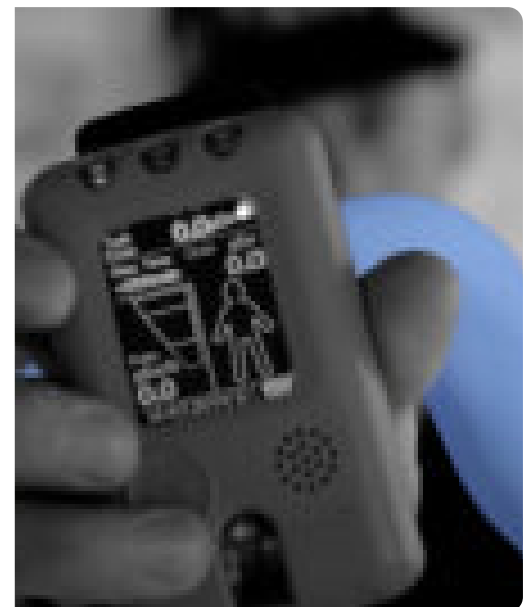
This IS (Intrinsically Safe) personal electronic dosimeter can measure radiation exposure in potentially explosive environments. The device can detect x-ray and gamma rays ranging from 33 keV to 1,25 MeV and it can alarm you with four different alarm settings. In order to log and manage the data from this Tracerco dosimeter, you can use [DoseVision](#).

The Dosimeter is intrinsically safe, following the ATEX EU directive.



BENEFITS OF THE PED-IS:

- Intrinsically safe (ATEX), so no need for a hot work permit
- Because of the great memory, the risk of data being overwritten when memory is full is reduced
- Easy to read because of the large AMOLED display screen
- User-friendly with Icons and one-touch operation
- 3 radiation measurement modes, and 4 different radiation alarm settings
- Suitable for use in all weathers
- Rotating screen, allowing it to be worn multiple ways



In doubt about which PED is right for you?

Tracerco Radiation Monitors <https://youtu.be/Rm9O7FOKeX0>



SCAN TO VIEW
VIDEO

**The Intrinsically Safe Tracerco™ Personal Electronic Dosimeter
(PED) PED-IS** <https://youtu.be/-ebPdJfO6O8>



SCAN TO VIEW
VIDEO

For more information from Tracerco, take a look at [this page](#).

Would you like more information on PED's?

Contact PEO!



PED-ER (Personal Electronic Dosimeter) - Tracerco

PED-ER FROM TRACERCO

Personal Electronic Dosimeter with extended range

The PED-ER is a robust, light and user-friendly personal electronic dosimeter. You can use it to effectively monitor, measure and manage radiation exposure. This PED is the same as the PED-Blue from Tracerco, only the ER stands for Extended Range, so the range is bigger.

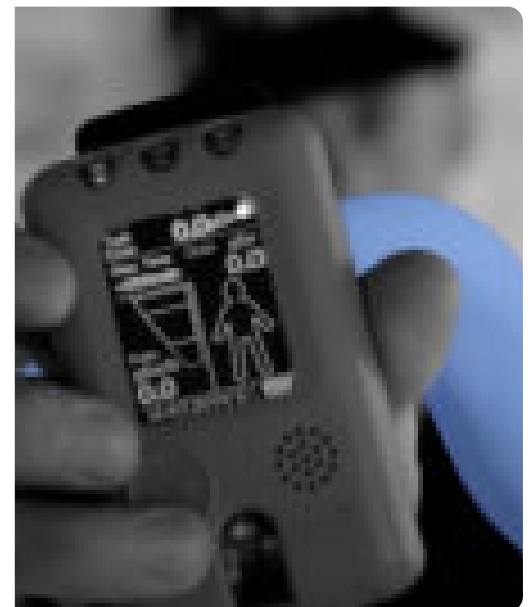
This personal electronic dosimeter has both audio and visual alarms with vibration. The dosimeter will alarm you when you reach your personally set radiation dose. Because of the extended dose range from the PED-ER, it can detect radiation up to 1 Sv/h.

This dosimeter is not only designed to be robust and lightweight, it's also designed to keep it simple. The device has a large and clear AMOLED display which is very user-friendly. When you use this dosimeter in combination with the accompanying software DoseVison, you can easily manage radiation doses.



BENEFITS OF THIS DOSIMETER:

- The dosimeter has an extended dose range of up to 1 Sv/h
- Large easily readable display and intuitive graphical user interface
- A reliable dosimeter, even for the most challenging radiation monitoring situations
- User-friendly design because of one-button operation
- The user can easily operate it without any training
- You can choose between audio and/or visual alarms, with optional vibration



Tracerco Radiation Monitors <https://youtu.be/Rm907FOKeX0>



For more information from Tracerco, take a look at [this page](#).

Would you like more information on PED's?

Contact PEO!

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Radiation Safety › Personal dosimetry

PED-Blue (Personal Electronic Dosimeter) - Tracerco

PED-BLUE FROM TRACERCO

Personal Electronic Dosimeter

The PED-Blue is a lightweight, non-IS PED. The device can be charged with a direct micro USB connection, so it's more flexible. This dosimeter can also be configured to use either two or four dose alarm levels and is customisable through DoseVision™ software.

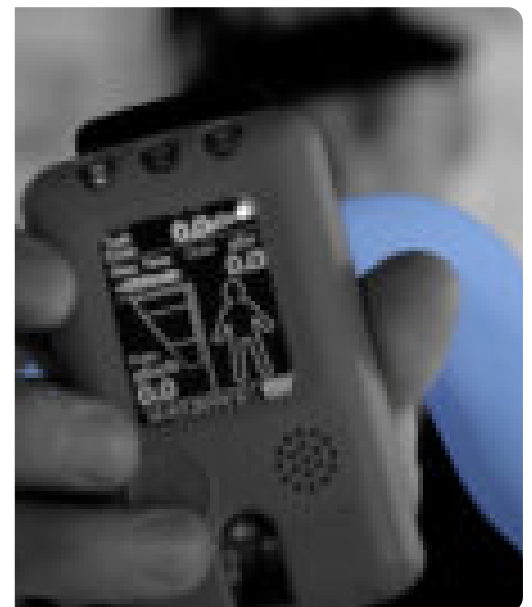
The PED Blue also has a task function where you can start and finish a task. After a task is finished you can look back by using DoseVision. This dosimeter is also perfect for clinical environments for example, because of its discreet alarm function.

The dosimeter gives the user immediate feedback so you'll know when the ambient dose is heightened.



BENEFITS OF THE PED BLUE:

- Robust and easy to use
- Direct micro USB connection for greater flexibility
- Large, clear, easy-to-read AMOLED display
- Light weight
- Used with DoseVision™ software ensures ease of use
- IP67 rated
- Simple one-button operation
- Four adjustable alarms
- Immediate detection



In doubt about which PED is right for you?

Tracerco Radiation Monitors <https://youtu.be/Rm9O7FOKeX0>



For more info from Tracerco, take a look at [this page](#).

Would you like more information on PED's?

Contact PEO!

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Radiation Safety > Personal dosimetry

Dosimeter software DoseVision™ and DoseVision™ Tracerco



The dosimeter PC software interface for the PED-IS PED Blue and PED+ is specifically designed for simplicity and interactivity. DoseVision™ allows users to set alarms and reports. This is to assign users to the PED, and download and analyze data.

advantages of DoseVision:

- cumulative dose rate data analysis
- peak dose rates
- data export and easily generate reports
- password protection
- software and firmware updates available for free
- easy management of PED users
- GPS data logging using the PED+

advantages of DoseVison Live™ :

- Bluetooth connectivity
- live dose rate data
- management control for up to 7 devices
- live status updates

DoseVision Live dosimeter software Tracerco

STACK & AIR MONITORING



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Nuclear Medicine > Stack & air monitoring

Mud Monitor Tracerco™

De Tracerco™ Mud Monitor is intrinsiek veilig (is getest en gecertificeerd voor gebruik in explosiegevaarlijke omgevingen, zone 0, 1 en 2). Het instrument wordt eenvoudig vastgeklemd aan de buitenzijde van het modder circulatiesysteem dankzij de krachtige magneet. Het systeem heeft een gevoelige detector die verbonden is met een boring controlesysteem. Het instrument bewaakt continu achtergrond stralingsniveaus. Bij detectie van een verhoging van straling, geeft het systeem een duidelijk signaal van radioactieve lekkage aan de bemanning van het boorgat.



Specifications Mud Monitor From Tracerco

Mud Monitor Tracerco