



## Personal Electronic Dosimeter (PED)

### TRACERCO™ PED

We have created a device that gives exceptional performance in the most challenging environments.

The easiest personal radiation monitor to read and operate on the market.

Perfect for both radiation specialists and those who are not working with radiation every day. It's safe to use in potentially explosive areas, robust and reliable, making it ideal for challenging environments.

Everything on the device has been designed with the user in mind; the display system features graphical measurements, a diagram of a person who fills with color depending on radiation dose received and the DoseVision™ software interface is plug and play allowing easy set-up and data analysis in a few minutes.

Other benefits of the monitor include:

- Weatherproof and easy to decontaminate
- Lightweight
- Extra large memory reducing the risk of data being overwritten

- Easy to read with a large clear display
- Three measurement modes and four alarm settings
- Vibration feature in addition to an audible alarm for noisy environments
- Provides a combined "two in one" solution for a direct reading dosimeter and alarm ratemeter for US and Canada industrial radiography requirements

Accessories available with the monitor include:

- Portable in car charger
- Travel case
- Travel pack, which includes in car charger, voltage adaptors and a small travel dock

For more information and full technical specifications please visit our website at [www.tracerco.com/monitor](http://www.tracerco.com/monitor)

The TRACERCO™ PED; the right protection for any environment.



## 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 rental.

For inquiries:

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Follow us on Twitter for the latest news and promotions [@TracercoMonitor](https://twitter.com/TracercoMonitor)



### TRACERCO™ T404 Personal Dosimeter

Radiation detected	X-rays and gamma rays in range 33 keV to 1.25 MeV
Sensor	Single energy compensated Geiger Müller tube
Units	Sieverts or Rem (may be selected in DoseVision™ software)
Radiation dose rate	Bargraph display and digital numeric 0 to 100 mSv/h (10 R/h)
Accumulated dose	Dose "Man" display and digital numeric 0 to 10 Sv (1000R)
Operating temperature range	-20 to 50°C
Humidity range	Up to 95%
Ingress protection rating	IP67
Hazardous area certification	Complies with the ATEX EU directive 94/9/EC (ATEX 137) Safe for use in Explosive Atmosphere Zones 0, 1, & 2 ATEX Coding <b>II 1G</b> Equipment code Ex ia IIC T4Ga (-20°C ≤ Ta ≤ + 50°C) ATEX Certificate No. Baseefa 11ATEX0045 IECEx Certificate No. IECEx BAS 11.0027
Battery	Rechargeable lithium ion. Greater than 100 hours charge typical
Case material	Shock, vibration and drop resistant polymers with antistatic surface properties
Memory	125,000 data point capacity. Includes dose measurements and alarms/fault events. Serial non-volatile memory. 10 year data retention.

### For further details please contact:

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*Award Winning  
Radiation Monitoring*

**IECEx  
CERTIFIED**

