

TRACERCO™ Monitors and Servicing

TRACERCO™ Personal Electronic Dosimeter (PED)

It's great when something comes along to make life easier...

**Tracerco**



# 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, much easier to use than the traditional personal radiation monitors.

Perfect for both radiation specialists and those who are not working with radiation every day. It's safe to use in potentially explosive environments, (Intrinsically Safe) 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 graph measurements but also a simple diagram of a man who fills with colour depending on the dose received.

DoseVision™, our software interface has been developed to be intuitive to use. And, as supporters of the plain English campaign we have used their principles when writing the manual for the device and software. We have also included a quick start guide to get you up and running as soon as possible.

The benefits of using our monitor are:

- Intrinsically safe so no need for a hot work permit
- Icons and one touch operation means its simple to use and there's no need to continually look at the user manual

- Use in all weathers and easy decontamination
- Lightweight, making it easy to carry and maneuver
- Extra large memory reducing the risk of data being overwritten
- Easy to read with a large Amoled display screen
- Three measurement modes and four alarm settings
- Wear it several ways as the screen can be flipped

There are some accessories available with the monitor:

- Portable in car charger
- Multi dock for charging a number of monitors at once
- Travel case
- Travel pack, which includes in car charger, continental adaptors and a small travel dock

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

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



**Award Winning  
Radiation Monitoring**

THE QUEEN'S AWARDS  
FOR ENTERPRISE  
2008

## 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 hire.

For enquiries:

**Tel:** +44 (0) 1642 375171

**Email:** [radiation.monitors@tracerco.com](mailto:radiation.monitors@tracerco.com)

Follow us on [Twitter](#) for the latest news and promotions [@TracercoMonitor](#)

## TRACERCO™ PED

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 0 to 100 mSv/h. Digital Numeric 0 to 100 mSv/h
Accumulated dose	Dose "Man" display 0 to 10 Sv. Digital Numeric 0 to 10 Sv
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 ⚡ II 1G 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.

