

Tracerco PED Blue

Personal Electronic Dosimeter



The PED Blue is a high quality personal dosimeter, featuring the same design and features as the PED-IS, in a lighter weight, non-intrinsically safe model. The device is easily charged with a direct micro USB connection, giving greater flexibility and removing the need for a charging dock. The PED Blue can also be configured to use either 2 or 4 dose alarm levels, all configurable with the exclusive DoseVision™ software.

BENEFITS

- Robust and easy to use.
- Direct micro USB connection for greater flexibility.
- Large, clear, easy to read display.
- Lighter weight - suited to more applications.
- DoseVision™ software - supplied free of charge.
- IP67 rated.
- Simple one button operation.

APPLICATIONS

- NDT
- Emergency Services & First Responders (CBRNe)
- Border Controls
- Medical & Life Sciences
- Oil and Gas Safe Zones
- Nuclear.

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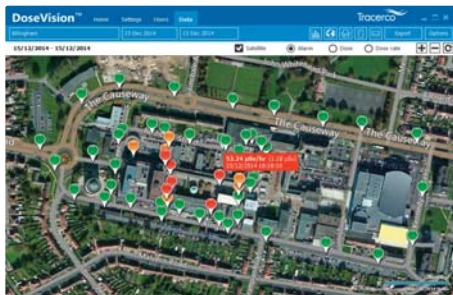
SPECIFICATIONS

Radiation detected	X-rays and gamma rays in range 33 keV to 1332 keV
Detector	Single energy compensated Geiger Müller tube
Dose rate range	Bar graph display 0-10,000 mR/Hr (0-100 mSv/Hr) Digital numeric display display 0-10,000 mR/Hr (0-100 mSv/Hr)
Accumulated dose range	Dose "Man" display 0-1000R (0-10 Sv) Digital numeric display 0-1000R (0-10 Sv)
Peak radiation dose rate	Digital numeric display 0-10,000 mR/Hr (0-100 mSv/Hr)
Case material	Shock, vibration and drop resistant polymers with antistatic surface properties
Memory	125,000 data point capacity Serial non-volatile memory 10 year data retention
Units	Rem or Sieverts (may be selected in DoseVision™ software)
Dimensions	3.9 x 2.3 x .8 in (10 x 6 x 2 cm)
Weight	5.1 oz. (145 g)
Operating temperature range	-4° to 122° F (-20° to 50° C)
Ingress protection rating	IP67 - dust tight and can withstand immersion in water at depth of 40 in (1m)
Low battery indication	On 8 hours available life left
Battery	Rechargeable lithium ion 300 hours charge typical
Humidity range	Up to 95%
Standard compliance	BS EN 61526:2013 - "Radiation protection instrumentation - Measurement of personal dose equivalents Hp(10) and Hp(0.07) for X, gamma, neutron and beta radiations - Direct reading personal dose equivalent meters" EN55011:2009+A1:2010 - "Industrial, scientific and medical equipment. Radiofrequency disturbance characteristics. Limits and methods of measurement".

Kit Includes

PED, Belt Clip, DoseVision Software

DoseVision™ Software



OPTIONAL ACCESSORIES

Portable car charger - Travel case
Travel pack
Car charger | Continental adaptors
Travel dock

