

Fiche technique

Dosimètre personnel PED BLUE

DESCRIPTION

Ce modèle a été conçu pour être très facile à utiliser et comprendre. L'écran affiche les mesures de rayonnement et un simple diagramme d'une personne qui se remplit de couleur selon la dose de rayonnement reçue. Le dosimètre est résistant aux intempéries, chocs, chutes et sa conception permet de le nettoyer facilement.

Caractéristiques:

Plage d'énergie jusqu'à 3 meV

Ecran large, facile à lire et comprend 1 bouton

Alarmes audios et visuelles avec fonction vibration

Classé IP67

Gestion facile de la dose avec le logiciel gratuit DoseVision

Domaine d'utilisation: médical (médecine nucléaire, radiopharmacie), industrie, urgence (police, pompier, militaire), nucléaire.



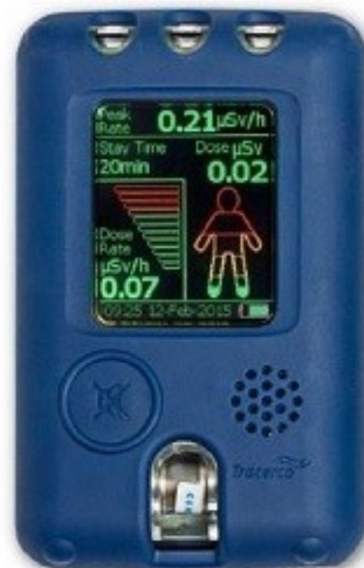
CONTACT@TEAMALEX-MEDICAL.FR
03.66.72.15.78

WWW.TEAMALEX-MEDICAL.COM

Fiche technique

Dosimètre personnel PED BLUE

Performance			
Radiation detected	X-rays and gamma rays in range (33 KeV to 3 MeV PED-IS, PED Blue, PED+), (48 KeV to 3 MeV PED-ER, PED-ER+)	Accumulated dose range	Dose "Man" display 0-10Sv, 0-1000 rem Digital numeric display 0-10Sv, 0-1000 rem
Detector	Single energy compensated Geiger Muller tube	Peak radiation dose rate	Digital numeric display 0-100mSv/h, 0-10 R/h (PED-IS, PED Blue, PED+) Digital numeric display 0-1 Sv/h, 0-100 R/h (PED-ER, PED-ER+)
Units	Sieverts or Rem (may be selected in DoseVision™ software)		
Memory	125,000 data point capacity. Serial non-volatile memory 10 year data retention	Dose rate range	Bar graph display 0-100 mSv/h, 0-10 R/h (PED-IS, PED Blue, PED+), 0-1 Sv/h, 0-100 R/h (PED-ER, PED-ER+) Digital numeric display 0-100 mSv/h, 0-10 R/h (PED-IS, PED Blue, PED+), 0-1 Sv/h, 0-100 R/h (PED-ER, PED-ER+)
Electrical characteristics			
Battery	Rechargeable lithium Ion. Recharge via standard 5V micro USB connection. Can be charged from PC	Low battery indication	On 8 hours battery life remaining
Battery life	300 hours typically with background radiation		
Mechanical characteristics			
Size	104mm x 64mm x 24mm	Case material	Shock, vibration and drop resistant polymers Antistatic surface properties (PED-IS only)
Weight	190g including belt clip		
Environmental			
Ingress protection rating	IP67 (dust tight and can withstand immersion in water at depth of 1m)	Humidity range	Up to 95%
		Operating temperature range	-20°C to 50°C
Hazardous area classification code (PED-IS only) ATEX & IECEx: Zone 0, 1, 2 gas group IIA, IIB, IIC FM _C : Class I, Zone 0, Group IIA, IIB, IIC FM _{UL} : Class I, Division 1, Gps A, B, C and D, Class I, Zone 0, Group IIA, IIB, IIC		Hazardous area certification code (PED-IS only) ATEX: Certification No. Baseefa1 IATEX0045 Marking - Ⓔ II 1G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C) IECEx: Certification No. IECEx BAS11.0027 Marking - Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C) FM _C : Marking - CI I, ZONE 0, Ex ia IIC T3 (-20°C ≤ Ta ≤ +50°C) FM _{UL} : Marking - CI I, ZONE 0, AEx ia IIC T3 (-20°C ≤ Ta ≤ +50°C) Marking - IS CI I, DIV 1, GPS ABCD T3 (-20°C ≤ Ta ≤ +50°C)	
Standard compliance BSEN 61526, EN55011, IEC60079-0, IEC60079-11, IEC61010-1, FM Class 3600, FM Class 3610, FM Class 3810, ANSI/IEC 60529, CSA-C22.2 No. 60079-0, CSA-C22.2 - E60079-11, CSA-C22.2 No. 60529, CSA C22.2 No 1010.1			



CONTACT@TEAMALEX-MEDICAL.FR
[03.66.72.15.78](tel:03.66.72.15.78)

WWW.TEAMALEX-MEDICAL.COM