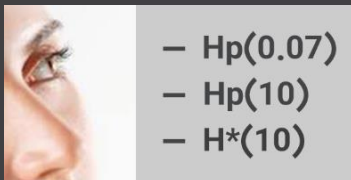




Innovator In Spectroscopy Equipment

PD2318



PERSONAL DOSIMETER MODEL PD2318

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CATALOG



DOSIMETERS



FREE DOWNLOAD

Application

- Public:
 - Monitoring and controlling the background dose and activity.
- Industry:
 - Metal recycling
 - Well-logging
 - Oil and gas industry
 - Geological surveys
 - Every industry that uses radioactive material and sources.
- Medical:
 - Radiation protection of patient and doctors in using radiopharmaceutical and radiation therapy.
 - Nuclear medicine laboratories.
 - Health physics (contamination monitoring on Surfaces, clothing and objects etc.).
- National Security:
 - Equipping the personnels and guards in the border.
 - Equipping the security guards in the strategic centers.
 - Radiation protection measurement in nuclear disasters.
- Defense:
 - Equipping the soldiers and guards in the border or any areas with danger of radiation.

Features

- Background radiation monitoring.
- Equipped with charger and data transfer unit.
- Measurement in wide range energies and dose rates.
- High Data Security Based on Data Reader and Charging Unit.
- Equipped with intelligent power management algorithm.
- Measurement count from 0.01 cpm to 300 kcpm.
- Equipped with a semiconductor detector (silicon with photodiode).
- Extreme sensitivity and uniform response to Beta, Gamma & X-Ray radiation (depending on version).
- Dose range from 0.1 uSv/h to 10 mSv/h @¹³⁷Cs.
- Cost-effective, durable and easy to use.
- Integrated design with low weight.
- Full color LCD display.
- Ready for field operation.
- Parameters self-check.
- Light and sound alarm.
- Continuous operation under severe environmental condition.
- High safety against electromagnetic, mechanical (shock and vibration) and environmental (dust and moisture) interference.





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