

Personal dose alarm meter DP802i



Main specifications

- ★ Types of measured Ray: X, γ and hard- β rays
- ★ Measuring range: dose rate: 0.01 $\mu\text{Sv/h}$ ~30mSv/h
Cumulate dose: 0.00 μSv ~999.9mSv
- ★ Energy range: 40Kev~1.5Mev
- ★ Energy response error: $\leq \pm 30\%$ (according to ^{137}Cs)
- ★ Relative basic error: $\leq \pm 10\%$
- ★ Measuring time: automatic adjustment according to radiation, **quick response**
- ★ Alarm value: 0.5、1.0、2.5、10、30、50、100、500 $\mu\text{Sv/h}$
- ★ Protective alarm response time: ≤ 5 second
- ★ Display: LCD
- ★ Display unit: dose rate ($\mu\text{Sv/h}$ or mSv/h) and Cumulate dose (μSv or mSV)
- ★ Power: AAA battery 1pc, 15 days working time
- ★ Size: 90*60*17 (mm)
- ★ Weight: 80g

Purpose of use:

Measurement of personal gamma and X-ray radiation equivalent dose rate(EDR)

Measurement of personal gamma and X-ray radiation equivalent dose(ED)

Alarm of exceeded programmed threshold levels

Application:

Nuclear facilities around environmental radiation detection

The soil surface radiation pollution detection

Agricultural radiation pollution detection

Ore, building materials radioactive detection

Personal dose monitoring alarm

Industrial X, gamma NDT radiation detection

Radiation medical treatment place radiation detection

Cobalt source, electronic accelerator irradiation place radiation detection

Radioactive radiation laboratory detection



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