

X, γ Radiation Detector DH8000



Features

- Single-chip, Big LCD display, Backlight
- High sensitivity, wide measuring range, good performance of energy response
- 800 group datas memory of dose rate, easy to check
- Dose rate alarm, detector fault alarm
- Dose rate and Cumulate dose can be tested
- Lower voltage alarm
- Al-Mg die-casting shape, better application countryside

Main specifications

Detector: $\phi 30 \times 25$ mm, NaI (TL)

Resolution: $1 \mu\text{Sv/h} \geq 350\text{CPS}$

Energy: 35Kev

Measuring range: dose rate: $0.01 \sim 200.00 \mu\text{Sv/h}$

DH8000A Dose rate: $0.01 \sim 1500.00 \mu\text{Sv/h}$ (Protect class)

Cumulate dose: $0.00 \mu\text{Sv} \sim 9999.99 \mu\text{Sv}$

Energy range: 40Kev \sim 3Mev

Energy response: 40Kev \sim 3Mev $\leq \pm 30\%$ (according to 137Cs)

Relative basic error: $\leq \pm 10\%$

Measuring time: 1, 5, 10, 20, 30 seconds

Alarm: 0.25, 2.5, 10, 20, 60 ($\mu\text{Sv/h}$)

Counter time: Dose rate: $\mu\text{Sv/h}$, $\mu\text{Gy/h}$, μR / adjustable

Cumulate dose: μSv Counter rate: CPS

Power consumption: $\leq 120\text{mW}$ (without backlight)

Weight: 1.80Kg (battery included)