

RTI sonda



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Opis

The RTI Dose Probe is an external dose probe, designed to perform very low dose rate measurements, for instance, on image identifiers.

The probe is very small to avoid or minimize interference with AEC (Automatic Exposure Control) on X-ray equipment. This also enables it to fit into the table bucky.

Since it is a solid-state detector, no corrections for pressure or temperature are needed. Neither is polarizing voltage.

Tehni?ke karakteristike

RTI Dose Probe specifications with Piranha

- Size
20 x 45 x 7.4 mm, 0.79" x 1.8" x 0.29"

- Weight

85 g (3 oz)

- Cable length

2.0 m (6.6 ft)

- Backscatter protected

Yes

- Dose

100 pGy – 1.5 kGy. 12 nR – 170 kR ($\pm 5\%$)

- Dose rate

40 nGy/s – 150 mGy/s ($\pm 5\%$ or ± 10 nGy/s).
4.6 ?R/s – 16 R/s ($\pm 5\%$ or ± 1 ?R/s).
260 ?R/min – 1000 R/min ($\pm 5\%$ or ± 6 ?R/min).

- Time

0.1 ms – 34000 s ($\pm 1\%$ or ± 0.5 ms)

- Pulses

1 – 65535 pulses (± 1 pulse)

- Dose per pulse

1 nGy/pulse – 0.3 Gy/pulse

- Pulse rate/frequency

0.5 – 100 Hz

- Pulse width

4 ms - 2000 s

RTI Dose Probe specifications with Cobia Flex & Sense

- Size

20 x 45 x 7.4 mm, 0.79" x 1.8" x 0.29"

- Weight

85 g (3 oz)

- Cable length

2.0 m (6.6 ft)

- Backscatter protected

Yes

- Dose

6 nGy - 2 kGy. 660 nR - 250 kR (\pm 5%)

- Dose rate

220 nGy/s - 220 mGy/s. 1.5 mR/min - 1.5 kR/min (\pm 5%)

- Time

0.33 ms – 9999 s

- Pulses

3 – 9999 pulses

- Dose per pulse

1 nGy/pulse - 3 kGy/pulse. 114 nR/pulse - 342 kR/pulse

- Pulse rate/frequency

1/6 - 260 Hz

Komentari

Trenutno nema komentara za ovaj proizvod.