

22 Olds Close • Olds Approach • Watford • Hertfordshire • WD18 9RU • England

Telephone: 01923 720222 (+44 1923 720222) Email: Sales@testrade.co.uk

## RADIATION DETECTOR BLEEPER Sv / BLEEPER III

- Audible and visual alarms for improved safety
- Pocket size, high performance, reliability
- Detects x-rays, gamma-rays and hard beta-rays

### BLEEPER Sv



### SPECIFICATION

**RADIATION DETECTED:** X-ray, gamma-ray and hard beta-ray ionizing radiation.

**ALARM SIGNAL:** High pitched audible warning pulses with a repetition rate proportional to the dose rate; plus a bright visual indication.

**SELF CHECK:** Background - pulse at approximately 15 minute intervals.

**NORMAL SENSITIVITY:**  
10~µSv/hr (1mR/h) 1 bleep at 20 second intervals.  
1mSv/hr.(100mR/h) & above - continuous signal.

#### MAXIMUM RESPONSE TIME:

Equal to time between pulses at the applied radiation level. Approximately 10 seconds at 25µS v/h.

**CURRENT DRAIN:** 30 µA between warning pulses.  
6mA during warning pulses.

**BATTERY:** Three Alkaline battery type 'AAA' (LR03)

**BATTERY LIFE :** approximately 1 year.  
'Low-Battery' warning signal.

**CONTROLS:** None. (Optional 'ON/OFF' switch )

**DETECTOR:** Geiger-Muller Tube.

**OVERALL SIZE:** 152 x 35 x 16mm. Weight 106 gms .

**OPERATING TEMP RANGE:** -20 to +50.C.

### BLEEPER III

**BLEEPER III** provides an automatic audible warning of the presence of ionising radiation. The alarm is a high pitched bleep with a repetition rate approximately proportional to the intensity of radiation.. When not exposed to radiation the unit effectively self-checks and briefly emits an audible and visual warning a few times per hour to confirm it's state of readiness.

**BATTERY:** Two alkaline battery type 'AAA' (LR03)

**BATTERY LIFE :** approximately 1 year,  
with 'Low-Battery' warning signal.

**CONTROLS:** None.

**DETECTOR:** Geiger-Muller Tube.

**OVERALL SIZE:** 148 x 27 x 16mm. Weight 78 gms