



SENSORS TECHNOLOGY PVT. LTD.

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RAD2020 GAMMA RADIATION ALARM

Specifications:

Type of Sensor: CsI:TI scintillation detector

Ionizing Radiation Type: X-ray and Gamma ray

Dose Rate: 10nSv/hour to 1Sv/hour

Alarm Setting: 100nSv/hour to 1Sv/hour or 1uSv to 1Sv accommodated dose

Accuracy: Calibrated to +/-10% @1mSv Cs-137 or Co-60, +/-20% otherwise

Data Recording: Data with time and date mark every 10s intervals

Data Memory: 10 years data retention in non-volatile memory

Communication: IR data Link (Rs232 or wireless data links are optional)

Device ID: Unique ID for all devices produced - no duplicate device ID possible

Battery: 2x1.5V standard AA Cells

Price: Rs.3998 each in quantity 1000 numbers

Delivery: 24 weeks from order date

Applications:

Radiation safety in nuclear power plants, nuclear research, nuclear missile, cancer radiation therapy, radiography, radiation medicine, environmental radiation, radioactive mining, radioactive waste management, radioactive material transport, radiation shield testing, airport security, nuclear establishment security, public security from radiation, dirty nuclear bomb, nuclear material proliferation check, and nuclear war contamination monitoring, nuclear material spill monitoring, search for nuclear weapons, search for radioactive material.

