

6. Go/No-Go Instrument (Vehicle Mounted Radiation Alarm Tyne Detector)

1.	Radiation detected	Gamma
2.	Detector	Halogen quenched GM detector
3.	Energy response	100 KeV to 1.3 MeV
4.	Range	100 μ R/hr to 10 R/hr
5.	Preset Alarm Limits	0.05mR/h, 0.1mR/h, 0.5mR/h, 1mR/h, 10mR/h & 100m R/h; Adjustable
6.	Minimum Detectable Activity	1.5 mCi of Co-60 at a distance of 4 meters or better
7.	Power source	External 12 VDC (11V 14.5 V) Arrangements for connecting to the vehicle battery with suitable grade wires and terminals
8.	Indicators (Visual)	Green LED for Power ON status and normal radiation level Red LED for radiation level about alarm limit
9.	Audible Alarm	Piezo buzzer
10.	Response Time	Less than 10 sec.
11.	Weight	150 gms or less
12.	Dimensions	110 mm (L) x 65 mm (W) x 35 mm (H) or Smaller. Mounting bracket extra
13.	Over range indication	with a blinking RED LED
14.	Operating Temperature Range	-10°C to +50°C
15.	Operating Humidity	5 to 95 % RH, non-condensing
16.	Warranty	3 years onsite
17.	Spare & service support	Assured supply of spare & maintenance for 10 years

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