

HAND-HELD COMBINED METAL AND GAMMA RADIATION DETECTOR



 Metal
  Power
  Gamma radiation 

TYPICAL APPLICATIONS

- Airports and seaports
- Custom and border protection
- Events and building security
- Critical infrastructure protection

FUNCTIONAL HIGHLIGHTS

- Ultimate sensitivity
- Self-calibrating to different backgrounds
- Rugged and lightweight
- Sound and vibro- alarm



DESCRIPTION

Easy to use hand-held metal detector

with additional function to detect and locate

radioactive substances in the scanned baggage and

personnel. During just single scan the device allows simultaneous

detection of metals and radioactive substances thus substantially saving

clearance time, number of instruments used at the point of checking and improving security.



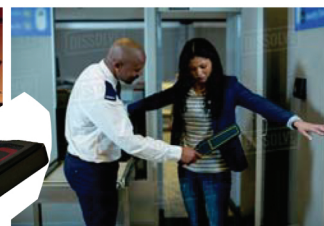
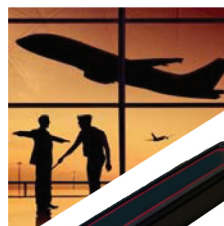
SPECIFICATIONS

Three-color LED indication	Green LED/ Yellow LED = ON/ Low battery
	Blue LED = Gamma Alarm
	Red LED = Metal Alarm
Gamma Energy range	from 0.015 to 3.0 MeV
Detector, gamma	3cc CsI(Tl) with SiPM
Alarm Response Time	< 2 sec

Battery	one 9V (included)
Battery life time	150 hours
Weight	0,42 kg
Dimensions	420x85x45mm
Ingress protection	IP44

The main characteristics of the search for metal objects:

Detection Object	Detection Range	Scanning speed
Metal container for Radioactive materials	200 mm	from 0 to 0,5 m/c
Steel plate 100×100×1 mm	100 mm	
Pistol	200 mm	
Knife	130 mm	



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