



# SXR 150

## PORTABLE X-RAY INSPECTION SYSTEM

### APPLICATION

The portable X-Ray inspection system SXR-150 is designed for the inspection of suspect objects in the field. Typical applications include:

- Inspection of luggage, parcels or mail packages,
- Screening of vehicles for search of concealed weapons or explosive devices,
- Inspection of premises, office equipment, communication facilities, furniture, walls for search of concealed objects and contraband,
- Criminal investigation and expertise.

It is intended for use by law enforcement organs, state security services and licensed safeguard enterprises.



### ADVANTAGES

SXR-150 is a modular system designed to offer the best and most flexible solution to the user.

- Compact and lightweight design tailored for field applications,
- Rugged design to allow operation under various atmospheric conditions at temperatures from 0 to +45°C,
- Battery operated for better flexibility,
- User friendly interface,
- Instant readiness for operation

### SPECIFIC FEATURES

SXR-150 can take up to 150 images when operating from fully charged batteries  
Remote control operation, integrated wireless connection with X-Ray generator  
Adjustable exposure time from 8 to 160 sec.

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## TECHNICAL SPECIFICATIONS

The compact SXR-150 system is supplied in a waterproof carrying case and includes the X-Ray generator, the X-Ray imager and the PC based control and processing unit. The weight of the total system in its case is 60 Kg.



### X-Ray generator

X-Ray tube voltage	150 KV
Weight	8 Kg
Overall dimensions	420x170x115 mm
Operation temperature	- 40 to + 45°C

### X-Ray imager

Camera resolution	>2 pairs of lines/mm
Imaging area	220X300 mm
Weight	8 Kg
Overall dimensions	500x440x145 mm
Operation temperature	- 20 to + 45°C



### PC based control and processing unit

#### Notebook:

Processor	Intel pentium IV-M 2.0 GHz
RAM	256 Mb
Display	14.1 "
Hard disk capacity	40 Gb



#### Software features:

Image processing	zoom, rotation, inversion geometrical measurements
Image enhancement	sharpness enhancement histogram equalization brightness gamma correction stretch intensity pseudo color, 3D effect, edge enhancement, flash light

Image recording	data base including user name, date, time, place, annotation.
Weight	7 Kg
Overall dimensions	480x350x120 mm
Operating temperature	0 to +45°C