

Portable X-ray Scanner PCX-02



The PCX-02 X-ray System is a light-weight and portable X-ray scanning System for Counter IED (C-IED), Explosive Ordnance Disposal (EOD) or Forensic search operations. It can also be used in technical investigations of the friendly Ammunition. The equipment can be used in wireless mode for safe operations. An EOD robot's mount is supplied for remote control operations. A notebook is interfaced with the system; which can quickly process signal information into visual images to identify any hidden suspected objects or failed mechanism. X-ray being dangerous to, humans a detailed training is provided on all the safety requirements. It can also be connected with other external equipment, such as face recognition cameras, voice devices, etc.

- Light weight portable system.
- Continuous working with hot plug battery system.
- Simple installation within 5 minutes.
- High sensitivity, strong penetration ability.
- High image resolution.
- Different imaging panel sizes offered.
- A robot mount can be provided for remote control operations.

Specifications

Detector Panel Size	17"x17"	17"x14"	12"x10"
Limiting Resolution:	3.25 lp/mm	3.25 lp/mm	4.16 lp/mm
Effective Area	434x434 mm	434x355 mm	307x244mm
Grey Scale	16 bits		
Penetrability	30 mm Steel Guaranteed, 34 mm Possible		
Typical Resolution	> 40AWG		
Communication Port:	Ethernet /WiFi		
Image Reading Time	4-6s		
Generator Tube Voltage	50 - 120kV		
Generator Tube Current	0.1-1mA		
Max Power	500 Watts		
Working Voltage/ Frequency	AC 110-240V/ 50-60Hz		
Operational temperature	-5° – 50° C		
Humidity	0-95%		
Software Features			
Basic Functions	Edge Enhancement, Color Reverse, Zoom-in/out, Horizontal/ Vertical Rotation, Original, Pseudo 3D and etc		
Image Index	Images in storage can be indexed against parameters like operator ID and Scanning time.		
Network communication	This system is checked, controlled and troubleshoot in remote through standard network port.		
Safety of images in Storage	Only authorized personnel is allowed to delete image in storage.		
Image of Dangerous objects	Frame of dangerous object can be marked out Frames of dangerous can be marked.		
Timing and Counting	Timing for system working hours and counting of numbers of detection.		

