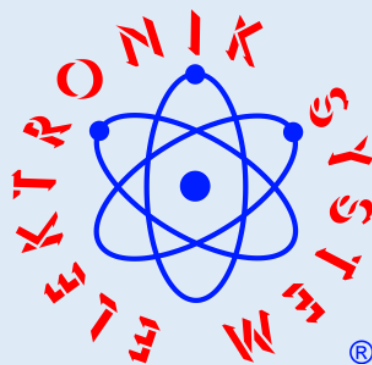


# X-RAY SCANNER

## ELEKTRON-TE-XS-5030A



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**ELEKTRON-TE-XS-5030A** for baggage inspection, X-rays is an advanced system for x-raying objects. Double power allows you to very accurately analyze the images obtained using the discrimination method. The device provides the user with high quality photos, integrates the advantages of a highly efficient semiconductor detector and digital image processing technology. The ELEKTRON-TE-XS-5030A X-Ray scanners are an ideal security screening system for baggage control at airports, government facilities, penitentiary establishments, etc..

### TECHNICAL SPECIFICATIONS

- Clear image, high resolution to match competitors' machines.
- Extremely low level of radiation, close to the radiation dose in the surrounding environment, in accordance with all national and international safety standards.
- TIP function - a database of dangerous objects images.
- Support for image enlargement option, step by step enhancement, zoom function, local zoom function.
- Support for format conversion, can be converted to JPG, BMP, GIF etc., support for file transfer to external USB device.
- Specially designed keyboard, the whole designed according to the anatomy of the human body to increase the comfort of work.
- Modular structure, additional X-Ray source testing functions, device diagnosis functions.
- Distinguish between organic and inorganic objects.
- Highest permeability through steel up to 40 mm, in compliance with all standards.

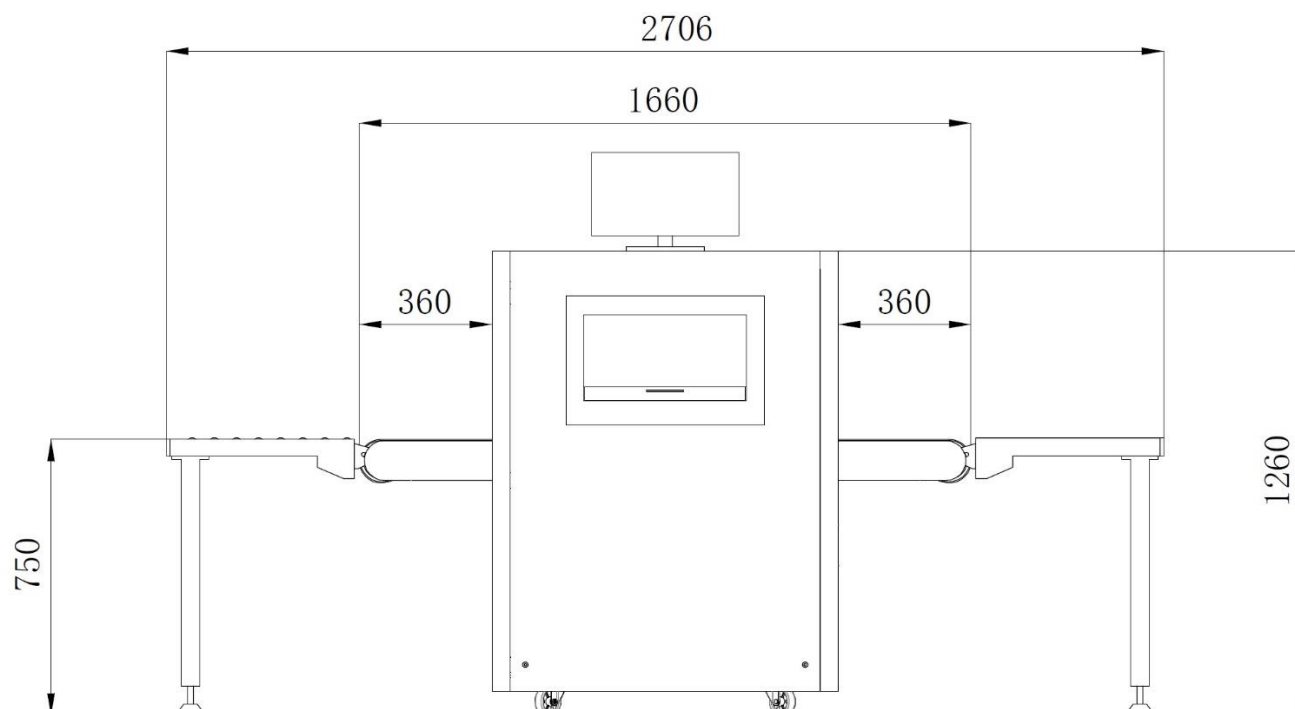
### SYSTEM FUNCTIONS

- ✓ Save an image in the protected memory
- ✓ Search for images by recording date and time
- ✓ Displaying pictures in pseudo color + negative system
- ✓ Identification of organic and inorganic materials
- ✓ Security alert
- ✓ Enhancement - black and white contrast
- ✓ Gray preview
- ✓ Edge contrast
- ✓ Safety switch
- ✓ Device diagnostics system
- ✓ Access control
- ✓ Menu in Polish and English (standard) or as ordered by the buyer


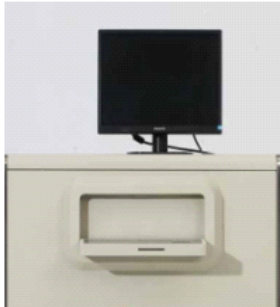
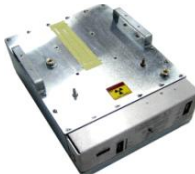


## TECHNICAL PARAMETERS





Model	<b>ELEKTRON-TE-XS-5030A</b>
X-Ray lamp operating voltage	140-160 kV
Wymiary urządzenia (dł. x szer. x wys.)	1719 mm x 761 mm x 1183 mm
Tunnel dimensions	505 mm x 307 mm
Transporter type	Polyurethane belt
Conveyor belt speed	0,2 m/s
Maximum load	50 kg
Resolution	40 AWG
Manual saving possible	to 100000 images
Penetration depth	40 mm through steel
Direction of work	Adjustable
Cooling	Oil fired, 100% closed cycle with forced air circulation
External radiation	< 0,2 $\mu$ Sv/h
Display	17" LCD
Working temperature	from 0°C to +45°C
Working humidity	10% - 90 %
Working voltage	230 VAC
Power consumption	600 W

## TECHNICAL DRAWINGS



## COMPONENT PARTS

	Manufacturer	Illustrative photo
Monitor	Monitor 19" (Philips)	
Control panel	Single integrated	
X-Ray Lamp	Spellman (USA)	
	VJ (USA)	
Receiver	DeeTee (Finland)	

	Manufacturer	Illustrative photo
Automation, Inverters	Emerson (USA)	
Drive shaft	Interroll (germany)	
Mechanical parts	NTN(Japan)	
Power supplies	Meanwell (Taiwan)	
Transporter belt	Habasit (Switzerland)	