

# SAE SYSTEMS

## XMAIL2 – MAIL & PARCEL DESKTOP X-RAY INSPECTION SYSTEM



The number of terrorist and criminal attacks using letter bombs and toxic powders has substantially increased over the last few years. Only a comprehensive inspection of incoming mail by applying appropriate technology can ensure that these are detected at the earliest opportunity.

The XMAIL2 X-ray inspection system is designed for daily inspection of incoming correspondence (mail and small packages). It can detect explosive devices and their components, narcotics, radioactive substances, toxic powders (dusts), such as anthrax, metal and plastic weapons. On its monitor XMAIL2 displays b/w or coloured X-ray images of the inspected objects created by a U-shaped multi-detector.

This type detector guarantees the elimination of «dead zones» in inspected objects. An adjustable voltage allows detection of small quantities of substances of various densities. Additionally, the internal gamma-detector makes it possible to expose radioactive substances. XMAIL2 is the smallest and most compact X-ray scanner featuring high resolution colour image processing, adjustable voltage and a U-shaped multi-detector. With dimensions and weight comparable to desktop photocopiers, the XMAIL2 X-ray inspection system can be easily integrated into any office environment.

### Applications

The XMAIL2 X-ray inspection system is intended for use by government and law enforcement agencies, the military, private security companies, banks, at commercial premises, television and broadcasting studios, publishing houses, judicial and correctional facilities and other security sensitive areas.

### Object parameters

Max Dimensions: (W x H x L) 352 x 252 x 100 mm

Max Weight: 5 kg

Minimum wire detection capability:  $\varnothing$  0.08 mm

### X -RAY Generator

Radiation emission: 0,5  $\mu$ Sv/h

Anode voltage: 30 - 70 kV

Tube current (typical): 0,05 mA

Levels of brightness: 65 000

Operating temperature range: -10°C to +45°C

Storage temperature range: -40°C to +60°C

Power: 85 - 245 V

Power consumption (without monitor): 70 W

Dimensions: 800 x 410 x 310 mm

Weight: 35 kg



Actual XMAIL2 images

