FX 5642 V2

X-RAY CABINET

MAIL AND PARCEL INSPECTION

The SecurSCAN® FX5642 V2 is an X-ray inspection cabinet designed for the fast and safe screening of mail, envelopes, and small to medium-sized parcels.
Thanks to its compact design and low maintenance costs, it represents the ideal solution for companies, postal offices, and institutions requiring an efficient and space-saving inspection system.
The integrated software includes the EPD™ (Enhanced Powder Detection) function for identifying powdered substances, along with advanced tools such as negative imaging and 3-point density alerts, useful for detecting suspicious materials such as explosives or metallic components.
Compact, safe, and intuitive, the FX5642 V2 is designed to ensure maximum efficiency even in limited spaces.

MAIN APPLICATION AREAS

Ideal for inspecting small parcels, postal envelopes, and small bags up to 53×44 cm, in environments where security is essential, such as:

- Postal Offices
- Correctional Institutions
- Government Offices
- Public Institutions

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X-RAY GENERATOR AND IMAGE PERFORMANCE
Wire Resolution: 36 AWG
Steel Penetration: 3 mm
X-Ray Generator: 70 kV, 4.0 mA
Density Alert: High-Density Warning + 3-Point Alert

IMAGE ENHANCEMENT
EPD™ Powder Detection:
Enhanced capability to identify powder-based threats

High-Resolution Digital Camera and Powerful Generator:
Delivers sharper images and improved detection sensitivity

Negative Image Function:
High-density materials (metal) displayed in white on a black background

High-Density Alert:
Assists in identifying materials such as plastic explosives

3-Point Density Alert:
Metallic components of “suspicious devices” such as detonators and batteries are more easily defined

SISTEMA OPERATIVO
Smart Card Login:
Personalized access with operation logs for each operator

Touch Screen Interface:
Fast selection of inspection tools

Session Data:
Management and monitoring of suspicious objects

Administrator Functions:
Multiple access levels and configurable admin functions

HEALTH AND SAFETY
All SecurSCAN® X-ray inspection cabinets comply with applicable international health and safety regulations:

- Ionising Radiations Regulations 2017 (IRR17): leakage dose on external surface <1.0 µSv/h
- European Directives Compliance:
  - Electromagnetic Compatibility (EMC) 2014/30/EU
  - Low Voltage Directive (LVD) 2014/35/EU
- UK Compliance:
  - S.I. 2016 No. 1091 – Electromagnetic Compatibility Regulations 2016
  - S.I. 2016 No. 1101 – Electrical Equipment Safety Regulations 2016

IMAGE STORAGE AND SHARING
Print/Export:
Create hard-copy libraries for reference or to facilitate image sharing

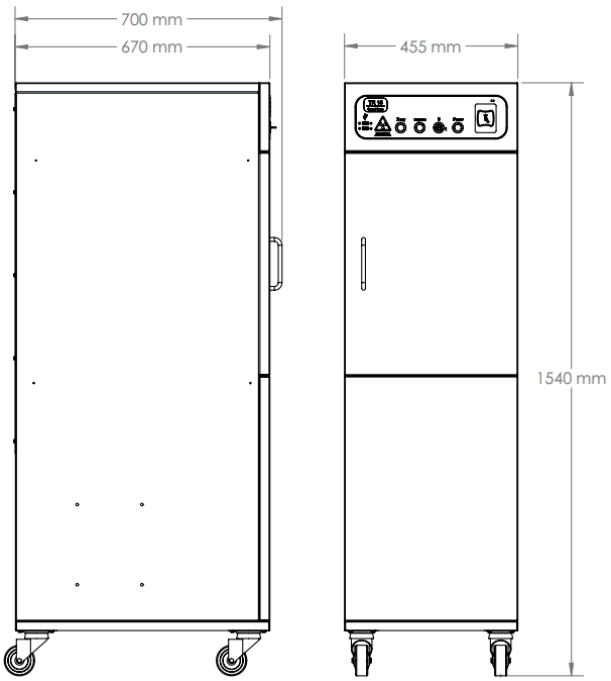
Automatic Image Storage:
Enables cross-referencing and rapid forwarding to security personnel

“One-Touch” Email Function:
Instantly share images with other departments via email

OPERATING AND ENVIRONMENTAL REQUIREMENTS
Power Supply: Single-phase 115/230V, 50/60 Hz, 350W / 1180VA
Operating Temperature: +5 °C to +40 °C
Storage Temperature: -15 °C to +50 °C
Relative Humidity: 85% non-condensing

Supplied with 2 m power cable

PHYSICAL CHARACTERISTICS

Height:	154 cm
Width:	45.5 cm
Depth:	67 cm
Weight:	170 kg
Inspection Chamber:	53.5×44.5×58.5 cm (H×W×D)
Imaging Area:	32.5×45 cm
Door Opening:	53×37 cm

OPTIONAL EXTRAS
Wi-Fi – Monitor Stand – External UPS