

Rapiscan 618 XRH

High Speed, High Performance Conveyorised X-ray Scanner

The **Rapiscan 618 XRH** is a high performance, high speed conveyorised x-ray scanner designed for customers requiring a compact, mobile x-ray machine with a fast throughput of mail and bags. Recently upgraded with new graphics hardware and software algorithms the system combines exceptional image quality and excellent threat detection alert capabilities.

With the dual-energy material discrimination features and the new **SINERGY** image enhancement tool, which provides improved visibility of thin metal and low density organic materials such as powders, operators can more easily identify target objects within items being x-rayed.

Features and benefits

Rapid Screening

With a conveyor speed of 0.2m per second, mail and baggage screening can be carried out quickly and efficiently. The system can accommodate volume mail, mail sacks, courier deliveries, parcels, boxes and hand luggage.

Easy to Use and Maintain

The Rapiscan 618 XRH is designed for ease of use by non-technical staff. It has a compact design with foldable conveyor ends and large castors making it easy to move into and around the workspace.

Safe and Secure

The Rapiscan 618 XRH meets all published international Electrical Safety and Radiation Standards and is issued with a certified Radiation Safety and Test report upon installation.

Image Enhancements and Options

The Rapiscan 618 XRH incorporates a High Performance Dual Energy X-ray capable of penetrating up to 33 mm steel and the ability to differentiate organic and inorganic materials in contrasting colours. The system produces High Resolution Images and its unique SINERGY and Crystal Clear Threat Visualisation Functions makes threat objects more easily recognisable. Other features include multi-zoom, Variable Contrast and Gamma adjustment, High Penetration, Edge Sharpening, Real time Explosives and Narcotics Detection, Threat Image Projection [TIP] Operator Monitoring and Image Archive and Export.

Technical specifications

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| Power Requirements | 115/230V +/-10% 50/60 Hz |
| Length | 2170 mm (1030 mm conveyor ends folded) |
| Width | 735 mm |
| Height | 1366 mm |
| Net Weight | 440 kgs |
| Tunnel Size (WxH) | 540 mm x 360 mm |
| Resolution | 38-40 AWG |
| Penetration | 31-33 mm steel as standard |
| Conveyor | Speed 0.2 m/sec. Max load 165 kgs |



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