

'THE HS 6550 **EVO2**, is the most popular 'check-point' design on the market'

The **HS 6550 EVO2**, is the most popular check point Baggage X-Ray Machine in its class. Designed and developed for high throughput, high security application such as Banks, Hotels, Airports, Casinos, Government institutes and the like. The **HS 6550 EVO2** brings together a wide range of screening applications and requirements.

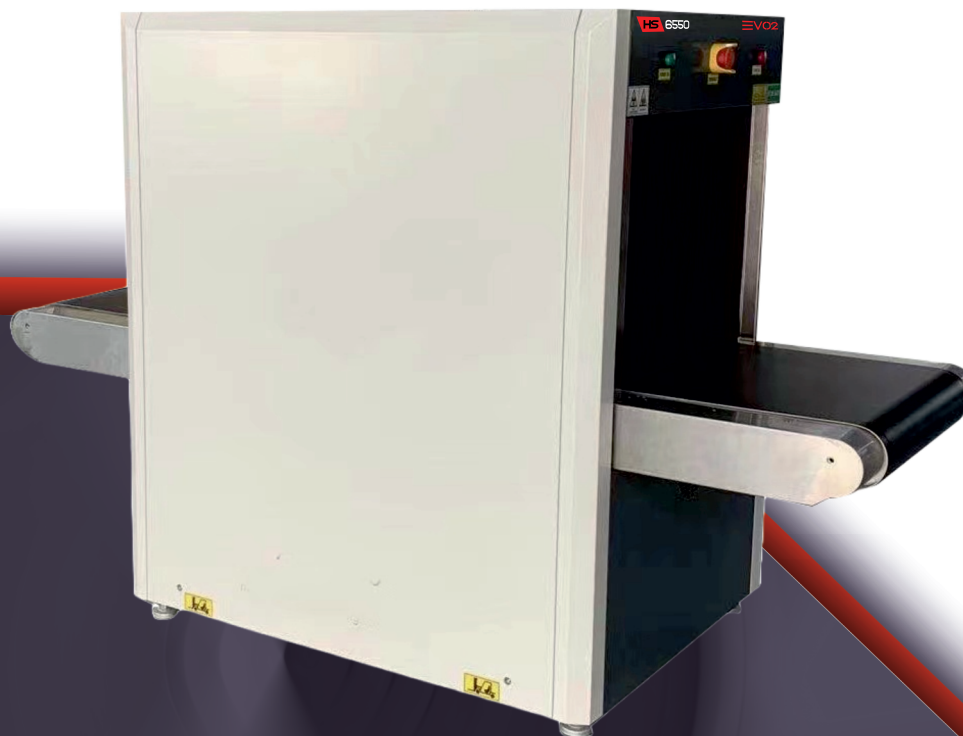
Replacing predecessor 'egacy Range' the all new **HS 6550 EVO2** remains extremely popular due to its versatility and outstanding performance in the field. With all new industry leading optional features such as increased belt speed of up to 0.5m/s, touch screen interface, remote diagnostics capabilities, Artificial Intelligence (AI) and built-In Item Recognition Training Software, the **HS 6550 EVO2** is forging the future of next generation screening technology.

## SPECIAL FEATURES

- 5 Years Parts Inclusive Warranty Only
- CIRTTS (Computer Item Recognition Training Software)
- Ultra-thin object scanning using micro photo sensors
- Self Diagnostics
- Organic / Inorganic Stripping (Material Discrimination)
- Automatic threat and density alert
- Network ready
- Image archiving

## ADDITIONAL EXTRAS

- TIP –Threat Image Projection
- AI- Artificial Intelligence Item Recognition
- Roller tables (entry/exit) built to any length
- UPS (Uninterrupted Power Supply)
- Built-In Item Recognition Training Software
- Touch Screen Interface 21" Monitor
- Tunnel Guards
- Extended Belt Speed to 0.50 M/S



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## SPECIFICATIONS

### GENERAL

Construction:	Steel based
Tunnel Size:	653 mm (W) x 505 mm (H)
Length / Width / Height (mm)	2043 (L) 901 (W) x 1384 (H)
	420 Kgs (uncrated)
	520 Kgs (crated)
Conveyor Height:	693 mm
Conveyor Speed:	0.22 meters per second
Maximum Conveyor Load:	200 Kg (evenly distributed)
System Noise Level:	<55 dB

### PERFORMANCE INDEX \*

Penetration:	36 mm Steel (guaranteed) 38 mm Steel (typical)
Resolution (wire gauge):	40 AWG (guaranteed) 42 AWG (typical)

### X-RAY GENERATOR

Tube Voltage:	100 - 160 kV (adjustable) sealed oil bath
Tube Current:	0.3 - 1.2mA (adjustable)
Cooling / Duty Cycle:	Sealed oil cooling / 100%
Beam Launch Angle:	80 degrees

### OPERATIONAL INDEX

Storage Temp/Humidity:	-20°C to 50°C 10% - 95% non-condensing
Working Temp/Humidity:	0°C to 45°C 10% - 95% non-condensing
Working Voltage:	AC 220V ± to 10% 50 Hz / 60 Hz ± 3 Hz
Power:	0.5 kVA
Leakage:	<0.5µ Sv / H
Dose Per Inspection:	<1.5 µ Sv (typical)
Duty Cycle:	100% (no burn in necessary)

### IMAGING

- Image resolution: 1280 x1024 x 24 bits
- Zoom 2x - 64x (dynamic, smooth and continuous)
- Full screen zoom (one click)
- High, low penetration
- Organic / inorganic stripping
- Picture Pure screening technology
- Super edge enhancement capability
- Threat Image Projection Library (TIP)
- Operator assist (OA), automatic threat and density alert
- High Organic Mass Alert (HOMA)
- Automatic 100x screen image recall (last in first out)
- Dual-energy technology
- Colour, black, white, inverse display

### IMAGE RECALL

- 500,000 Images storage capacity (standard)
- Image conversion and export to jpg, png and bmp
- Image search and simulated playback
- Printer Ready

### ADDITIONAL FEATURES

- 21" High resolution Touch Screen Interface
- (AI) Artificial Intelligence Item Recognition
- Input / Exit Rollers to any length required
- Multi language support
- Network capable
- Training Software- Item Recognition Training Software
- 5 Years Parts Inclusive Warranty Only
- Extended Belt Speed to 0.50 Meters Per Second

### COMPLIANCE STANDARDS

- Complies with film safety ISO 1600 / 33 DIN high speed photographic film
  - All equipment is CE (Europe) certified and manufactured to ISO 9001:2015 TUV standards, FDA 21CFR- Part 1003/1004 approved for use in the USA.
  - Radiation safety: Meets all applicable laws and regulations with respect to X-ray emitting devices, with directives, 2014/30/EC, 2014/35/EC, 2006/42/EC, FDA 21CFR, SAPHRA.
- \*Propriety quality management test piece: Steel Step Wedge, CU wires, Shims, Organic Inorganic, Belt speed 0.20 m/s.

\*Approximate Values (Adjustable)

