

# HS 5030

Compact & Lightweight Baggage X-Ray Machine



# HISSCO

'THE HS 5030 **EVO2**, is the smallest footprint design in its class'



The all-new **HS 5030 EVO2** is the most compact baggage x-ray machine in its class. Designed and developed for limited space environments this unit allows for flexibility of location. Built to fit through a standard door frame (825mm) and into small to medium sized elevators makes the **HS 5030 EVO2** ideal for limited space locations. Replacing the previous 'legacy range', this all new design brings the most flexible solution on the market whilst maintaining best in class imaging performance.

Just like its predecessor, the **HS 5030 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, **Assisted Imaging™ (AI)** and built-In Item Recognition Training Software, the **HS 5030 EVO2** is forging the future of next generation screening technology.

## SPECIAL FEATURES

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

## ADDITIONAL EXTRAS

- (AI)- (Assisted Imaging)™ Item Recognition
- Roller tables (entry/exit) built to any length
- UPS (Uninterrupted Power Supply)
- Tunnel Guards
- Extended Belt Speed to 0.50 M/S



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## SPECIFICATIONS

### GENERAL

Construction:	Steel based
Tunnel Size:	19.84" (W) x 12.59" (H)
Length / Width / Height (in)	46.85 (L) 28.66 (W) x 47 (H)
	*551 lbs (uncrated)
	771 lbs (crated)
Conveyor Height:	27.28"
Conveyor Speed:	0.22 meters per second
Maximum Conveyor Load:	440 lbs (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 110V (± 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 x 1024 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
- Color, 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) (Assisted Imaging)™ Item Recognition
- Input / Exit Rollers to any length required
- Multi language support
- Network capable
- CIRT (Computer 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.
- Proprietary quality management test piece: Steel Step Wedge, CU wires, Shims, Organic Inorganic, Belt Speed 0.20 m/s. \*Approximate Values (Adjustable)

