

'THE HS 5030TT **EVO2** Is The Most Versatile, Flexible, Mobile Baggage X-Ray Machine On The Market'



The **HS 5030TT EVO2** is the most versatile, mobile baggage x-ray machines on the market. Designed for rapid deployment, minimal space availability and flexibility in location makes the **HS 5030TT EVO2** one of the most sought after units on the market. An ideal solution for police, military, events, shows and high security locations, this unit can be easily transported and deployed as and when required.

The standard configuration is an operator console, placed on top of the machine with a monitor making it versatile in any application. Options for a 'fold down' touch screen interface are available on request as well as custom built mobile trolleys with large wheels and vehicle specific ramps for easy transportation.

## SPECIAL FEATURES

- 5 year parts Inclusive Warranty Only
- CIRTIS (Computer Item Recognition Training Software)
- Ultra-Compact design
- Self-diagnostics capability
- Organic / inorganic stripping
- Image archiving

## ADDITIONAL EXTRAS

- Mobile Trolley
- Roller tables (entry/exit) built to any length
- Fold Down Touch Screen Interface



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## SPECIFICATIONS

### GENERAL

|                              |                              |
|------------------------------|------------------------------|
| Construction:                | Steel based                  |
| Tunnel Size:                 | 19.88" (W) x 12" (H)         |
| Length / Width / Height (in) | 47 (L) 29.56 (W) x 29 (H)    |
|                              | 440 lbs (uncrated)           |
|                              | 881 lbs (crated)             |
| Conveyor Height:             | 145 mm from the floor        |
| Conveyor Speed:              | 0.20 meters per second       |
| Maximum Conveyor Load:       | 220 lbs (evenly distributed) |
| System Noise Level:          | <55 dB                       |

### PERFORMANCE INDEX \*

|                          |                                                   |
|--------------------------|---------------------------------------------------|
| Penetration:             | 22 mm Steel (guaranteed)<br>24 mm Steel (typical) |
| Resolution (wire gauge): | 32 AWG (guaranteed)<br>34 AWG (typical)           |

### X-RAY GENERATOR

|                       |                                   |
|-----------------------|-----------------------------------|
| Tube Voltage:         | 100 kV (Fixed)<br>sealed oil bath |
| Tube Current:         | 0.3 - 1.0mA (adjustable)          |
| Cooling / Duty Cycle: | Sealed oil cooling / 100% 80      |
| Beam Launch Angle:    | degrees                           |

### OPERATIONAL INDEX

|                        |                                            |
|------------------------|--------------------------------------------|
| Storage Temp/Humidity: | -20°C to 50°C<br>10% - 95% non-condensing  |
| Working Temp/Humidity: | 0°C to 45°C<br>10% - 95% non-condensing    |
| Working Voltage:       | AC 110V (± to 10%)<br>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 necessity)                |

### 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
- 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

### ADDITIONAL FEATURES

- 21" High resolution Touch Screen Interface
- Input / Exit Rollers to any length required
- Mobile Trolley
- Mobile Ramps (Vehicle Specific)
- 5 Years Parts Inclusive Warranty Only

### 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)

