The HS1010DV™ is an “Intermediate Dual View” X-Ray System offering flexibility for the screening of baggage, parcels, boxes and larger mid-sized items.

The HS 1010 DV™ (Dual View) Security X-Ray Inspection System is an ideal large tunnel unit that allows for the x-raying of a wide range of oversized items. For the screening of air cargo and hold baggage, it is considered to be the preferred size choice for freight forwarders, airports, warehouses, courier companies and at customs. Designed with a 1010 mm x 1010 mm tunnel size, the HS 1010 DV™ is one of the most sought after machines on the market. This unit is built with high definition detectors and state of the art photo sensors that allow for ultra-thin objects placed on the conveyor belt to be picked up and scanned.

The HS 1010 DV™ provides picture-pure resolution with super enhanced image processing and automatic 20x screen image playback capability. Users can operate the unit with a remote console and monitors up to 10 metres from the machine. The HS 1010 DV™ is the machine of choice for any high throughput operations. In addition to the standard configuration, the HS 1010 DV™ is supplied with a number ofextras including TIP (Threat Image Projection); Roller Tables and a UPS (Uninterrupted Power Supply).

**SPECIAL FEATURES**
- Dual-energy high-definition detectors
- Compact design
- Ultra thin object scanning using micro photo sensors
- Modular design with self-diagnosis capability
- Organic / inorganic stripping
- Automatic threat and density alert
- Network ready
- Image archiving

**EXTRAS**
- Entry/exit guards
- Roller tables (entry/exit) built to any length
- UPS (Uninterrupted Power Supply)
**SPECIFICATIONS**

**GENERAL**
- **Construction:** Steel based
- **Tunnel Size:** 1010 mm (W) x 1010 mm (H)
- **Length / Width / Height:** 3690 mm (L) x 1580 mm (W) x 1810 mm (H)
- **Conveyor Height:** 300 mm
- **Conveyor Speed:** >0.20 metres per second
- **Maximum Conveyor Load:** 300 Kg (evenly distributed)
- **System Noise Level:** <60 dB

**PERFORMANCE INDEX**
- **Penetration:** 38 mm Steel Penetration (guaranteed)
- **Resolution (wire gauge):** 40 AWG (guaranteed)
- 42 AWG (typical)

**X-RAY GENERATOR**
- **Tube Voltage:** 100 – 160 kV (adjustable)
- **Tube Current:** 0.3 – 1.2 mA (adjustable)
- **Cooling / Duty Cycle:** Sealed oil cooling / 100%
- **Beam Launch Angle:** 80 degrees - vertically downward and horizontal

**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:** 1.2 kVA
- **Leakage:** <0.5 µSv / H
- **Dose Per Inspection:** <3.0 µSv (typical)
- **Duty Cycle:** 100% (no burn in necessary)

**IMAGING**
- **Image resolution:** 1280 x 1024 x 24 bits
- **Zoom:** 2 x 64 x (dynamic, smooth and continuous)
- **Full screen zoom (one click)**
- **High, low penetration**
- **Organic / inorganic stripping**
- **Picture pure (no distortion)**
- **Super edge enhancement capability**
- **Operator assist, automatic threat and density alert**
- **Automatic 20x screen image recall (last in first out)**
- **Multi-energy technology**
- **Colour, black and white display**

**IMAGE RECALL**
- **100,000 Images storage capacity (standard)**
- **Image conversion and export to jpg, png and bmp**
- **Image search and simulated playback**

**ADDITIONAL FEATURES**
- **Configurable Operator Interface**
- **2 x 19” High Resolution Flat Panel LCD Monitors**
- **24 Bit Colour Processing**
- **Multi Language Support**
- **Network Capable**
- **Luggage Counter**

**COMPLIANCE STANDARDS**
- **Film Safety ISO 1600 / 33 DIN high speed photographic film**
- **All equipment is CE (Europe) certified and manufactured to ISO 9001 standards**
- **Radiation safety:** All equipment is registered and licensed with the South African Department of Health
- *** Measured with factory test piece**

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www.hisscoint.com is the machine of choice for any high throughput construction.