**Exhibit 7-X-Ray Machine Specifications**

# HI-SCAN 6040C

Heimann X-ray technology

**Feature Highlights**

- High reliability
- Best-in-class image quality
- Easy to Operate
- Future-proof electronics and software
- High-End processor technology
- HI-MAT Plus advanced material classification

- High Image Resolution
- 24-bit real time image processing
- Free programmable priority keys
- Powerful 160kV generator for steel penetration up to 37 mm



Make your building a more secure place by keeping threats out and people safe. The *HI-SCAN 6040C* is an ideal system to secure entrance areas and screen bags, parcels and other objects for prohibited and dangerous items.

The *HI-SCAN 6040C* generates highly detailed, easily interpreted X-ray images, a key strength of Smiths Detection. Intelligent image display functions support the operator in rapid and reliable distinction of organic and inorganic threats. With a new optimized background contrast function, the ability to recognize objects on the screen is enhanced significantly.

The *HI-SCAN 6040C* also offers a number of features that provide real-time diagnostics on its operating status, ensuring easy handling and accelerated troubleshooting for operators and technicians.

The completely new Hi-TraX 3 electronics and software provide a reliable platform for future upgrades to meet changing security requirements.

# Technical Information   HI-SCAN 6040C

## General Specifications

- Tunnel Dimensions | 620 (W) x 420 (H) [mm] ● 24.4" (W) x 16.5" (H)
- Max. Object Size | 615 (W) x 410 (H) [mm] ● 24.2" (W) x 16.1" (H)
- Conveyor Height [1] | approx. 800 mm (31.5")
- Conveyor Speed at Mains Frequency 50 Hz / 60 Hz | standard: 0.2 / 0.24 [m/s]
- Max. Conveyor Load evenly distributed over the whole conveyor [2] | 165 kg (352 lbs)
- Resolution (wire detectability) [3] | standard: 39 AWG (0.09 mm Cu) ● typical: 40 AWG (0.08 mm Cu)
- Penetration (steel) [3] | standard: 35 mm ● typical: 37 mm
- External Dose | <1.0 µSv/h (0.1 mrem)
- Film Safety | Guaranteed up to ISO 1600 (33 DIN)
- Duty Cycle | 100%, no warm-up procedure required

## X-ray Generator

- Anode Voltage ● Cooling | 160 kV cp ● hermetically sealed oil bath
- Beam Direction | diagonal

## Image Generating System

- X-ray Converter | L-shaped detector line
- Grey Levels Stored | 4096
- Image Presentation | B/W, color
- Digital Video Memory | 1280 x 1024 / 24 bit
- Image Evaluation Functions | VARI-MAT, $O^{2\ Plus}$, OS $^{Plus}$, HIGH, Organic Enhancement, HI-SPOT, SEN, XPlore, HAD, Opti-Zoom, electronic zoom: stepless enlargement up to 256x and scaling down up to 8x, Optimized Background Contrast Mode
- Monitor | Flat Panel LCD Monitor

## Additional Features

- Features | display of date/time, software counters for: objects, alarms, operating hours, X-ray On hours, user ID-number, luggage marking system (acoustic), display of operating mode, REVIEW-feature of last 8 images, programmable priority keys, standard network inter face, Automatic return mode, USB 3.0 interface, Printer support, IMS (Image Store Sys tem—stores up to 20,000 images), Two Interlock Switches
- System Diagnostic Features | Power-on Self-Test (POST), Real-time Background Diagnosis (RBD), Real-time System Feedback (RSF)
- Options | X-ACT, HI-TIP, SD Training Software, Extended Image Storage of 500,000 images (HDD), Full Reverse Mode
- Accessories | Keyboard holder, Passive In-/Output Roller conveyors, 23" Monitor, Tunnel extensions, Monitor Theft Protection, Mobile Heavy Duty Rollers, Various Test Bags and Cases

## Installation Data

- X-ray Leakage | meets all applicable laws and regulations with respect to X-ray emitting devices
- CE-Labelling | in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC
- Sound Pressure Level | < 65 dB(A)
- Operating / Storage Temperature | 32°F - 104°F / -4°F - 140°F (0° - 40°C / -20°C - +60°C)
- Humidity | 5% - 95% (non-condensing)
- Power Supply | 220 - 240 VAC or 110 - 120 VAC + 10% / -15% ● 50 Hz / 60 Hz ± 3 Hz
- Power Consumption | approx. 0.8 kVA
- Protection Class System | IP 20 / IP 43
- Dimensions ● Weight [4] | 2004 (L) x 850 (W) x 1395 (H) [mm] ● approx. 460 kg
  78.9" (L) x 33.5" (B) x 54.91" (H) ● approx. 1014 lbs
- Mechanical Construction | steel construction with steel panels, mounted on roller castors
  standard color(s): Silver matt / RAL Bl 11/W1 F12

[1] approx. values (adjustable)
[2] measured at ambient temperature of 20° and 230V/120V nominal voltage
[3] proprietary quality management test piece: steel step wedge, CU wires, belt speed 0.2 m/s
[4] without control desk, keyboard, monitor(s) etc.