

HI-SCAN™ 6040C

HEIMANN X-RAY TECHNOLOGY



Feature Highlights

- High reliability
- Best-in-class image quality
- Easy to operate
- Future-proof electronics and software

HI-SCAN 6040C is designed to detect prohibited items and threats by screening bags and packages at security checkpoints. It is ideally suited for public buildings such as prisons, courthouses, embassies, banks and hotels, where its contemporary design and small footprint fit well into any entrance environment.

HI-SCAN 6040C is the result of Smiths Detection's preeminence in X-ray technology: more than 40 years of experience in delivering engineering excellence to meet the highest security standards with proven product reliability.

HI-SCAN 6040C is equipped with a 160kV generator, known for producing high quality X-ray images to make it easy for operators to identify potential threats quickly, while minimizing misinterpretations. New smart image display features such as Organic Only Plus, Organic Stripping Plus and Organic Enhancement give outstanding discrimination between organic and inorganic materials on screen - useful for reliable and rapid detection of threat items such as explosive devices, drugs, food or money.

Additionally, a new Optimized Background Contrast function significantly enhances the recognisability of objects.

Smart system monitoring features such as Power-on Self-Test during start-up and specific diagnosis tools such as Real-time Background Diagnosis and Real-time System Feedback, during operation, provide instant information about the system's status and ensure easy operation. These features support the operator or technician by providing critical system diagnostics, helping to expedite maintenance and service.

The new HiTraX 3 electronics and software provide a reliable platform for future upgrades to meet changing security requirements.

HI-SCAN 6040C can easily be used in combination with other security technologies from Smiths Detection, including people screening and trace detection of narcotics or explosives. HI-SCAN 6040C is backed by Smiths Detection's global service network of field service locations and engineers to ensure optimum system performance 24/7/365 days a year.

For more information
on our products or
services please visit:

ACSDetection.com

E-mail: Sales@a-c-s.biz

Phone: 603-249-9820

General Specifications

Tunnel dimensions
Max. object size
Conveyor height ¹⁾
Conveyor speed (adjustable with frequency converter)
max. conveyor load even distributed over the whole conveyor ²⁾
Resolution (wire detectability)
Penetration (steel) ³⁾

620 (W) x 420 (H) [mm] • 24.4" (W) x 16.5" (H)
615 (W) x 410 (H) [mm] • 24.2" (W) x 16.1" (H)
approx. 800 mm (31.5")
standard: 0.2/0.24 [m/s]
165 kg

External dose rate
Film safety
Duty cycle

standard: 39 AWG (0.09 mm Cu) • typical: 40 AWG (0.08 mm Cu)
standard: 35 mm • typical: 37 mm

<1.0 µSv/h (0.1 mrem)
guaranteed up to ISO 1600 (33 DIN)
100 %, no warm-up procedure required

X-ray Generator

Anode voltage • cooling
Beam direction

160 kV cp • hermetically sealed oil bath
diagonal

Image Generating System

X-ray converter
Grey levels stored
Image presentation
Digital video memory
Image evaluation functions

L-shaped detector line
4096
B/W, color
1280 x 1024 / 24 bit
VARI-MAT, O₂, OS, HIGH, HI-SPOT, SEN, XPlore, Opti-Zoom, HDA,
electronic zoom: stepless enlargement up to 64-times
Flat Panel LCD Monitor

Monitor

Additional Features

Functions

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 interface, Automatic return mode, USB 3.0 interface, Printer support, IMS (ImageStore System images), Two Interlock switches
X-ACT, HI-TIP, SD Training System, Extended Image Storage of 500,000 images (HDD), Full Reverse Mode

Options

Installation Data

X-ray leakage

meets all applicable laws and regulations with respect to X-ray emitting devices.

CE-labelling
Sound pressure level
Operating- / storage temperature
Humidity
Power supply ³⁾
Power consumption
Protection class system / keyboard
Dimensions • Weight ⁴⁾

in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC
< 65 dB(A)
0° - 40°C / -20°C - +60°C
5% - 95% (non-condensing)
220 - 240 VAC -15% / +10% • 50 Hz / 60 Hz ± 3 Hz
approx. 0.8 kVA
IP 20 / IP 43

Mechanical construction

2004 (L) x 850 (W) x 1395 (H) [mm] • approx. 460 kg
78.9" (L) x 33.5" (W) x 54.91" (H) • approx. 1014 lbs
steel construction with steel panels, mounted on roller castors
standard color(s): Silver matt / RAL BI 11/W1 F12

1) approx. values (adjustable)
2) measured at ambient temperature of 20° and 230V/120V nominal

1) approx. values (adjustable)
2) measured at ambient temperature of 20° and 230V/120V nominal voltage

