SMITHS DETECTION Technical Information

smiths

HI-SCAN 180180-300kV

HEIMANN X-RAY INSPECTION SYSTEM



Feature Highlights

- Universal X-ray system for bulk items
- Excellent image presentation (optimal X-ray geometry)
- Outstanding image quality with new HiTraX electronics
- New HI-MAT ^{Plus} technology for better material distinction
- Typical penetration 60 mm of steel
- Large range of applications

The HI-SCAN 180180-300kV is specially designed to meet the needs and applications of airports, customs facilities, transportation operations, carriers, parcel services or wherever high security and total screening is required.

It is a compact medium energy (300 kV) X-ray cargo inspection system with tunnel dimensions of 1800 mm (71") width and 1800 mm (71") height. It permits the inspection of pallets and LD-3 airfreight containers.

With an installation base of more than 25,000 X-ray security units distributed throughout 150 countries in all continents and a worldwide customer service network Smiths Heimann is the unequalled world leader in supplying X-ray security systems.

Operator training courses offered by Smiths Heimann have an excellent reputation all over the world and are carried out individually for each customer.

As a leading supplier of X-ray inspection systems in the world Smiths Heimann provides an efficient, global service network working fast and reliably.

Technical Data HI-SCAN 180180-300kV

1810 [H] [mm] • 71.3" [W] × 71.3" [H] 1700 [H] [mm] • 70.4" [W] × 66.9" [H] 0 loler conveyor [option: modular plastic belt conveyor] 0 mm [12"] 4 [m/s] 700 [bs], other loads [e. g. 2000 kg or more] are available on cust- irrement 12 AWG [0.2 mm] • typical: 34 AWG [0.16 mm] 15 mm • typical: 60 mm .2 µSV [0.12 mrem] • with HI-MAT: 2.5 µSV (0.25 mrem] 4 µ to ISO 1600 (33 DIN] varm-up procedure required • 1 mA • hermetically sealed oil bath 4/ 24 bit 0², OS, HIGH 200°, SS, HIGH 200°, SS, HIGH 201°, SS, Plore, IMS [image management system], Xport, Media Bay
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pplicable laws and regulations with respect to X-ray emitting Singapore
Smiths Detection Asia Pacific Pte, Ltd
nce with guidelines 98/37/EWG, 72/23/EWG, 89/336/EWG 3 Toh Tuck Link #04-01
-20°C - +60°C German Districentre
(non-condensing) Singapore 596228
phases • 50 Hz / 60 Hz ± 3 Hz, others on request T: +65 6 466-1700
kVA (without options, with roller conveyor) F: +65 6 469-2506
kVA (without options, with modular plastic belt) mail.singapore@smiths-heimann.com
3435 (W) x 2350 (H) [mm] • approx. 6000 kg
: 135.2" (W) x 92.5" (H) • approx. 13200 lbs
Iular plastic belt conveyor: 7620 (L) [mm], 300" (L)
ruction with steel panels, mounted on roller castors
olor(s): RAL 7016 (dark gray)
⁴⁾ extended temperature range on request
⁴⁾ without control desk, keyboard, monitor(s) etc.
° without control desk, keyboard, monitor(s) etc.

appr. 1722 mm Output Roller optional

-60



smiths

appr. 5200 mm

appr. 6887 mm

🖣 appr. 1722 mm Input Roller optional