smiths detection

HI-SCAN[™] 145180-2is



Feature Highlights

- Universal X-ray system for palletized items
- Dual view concept shortens inspection times
- Excellent image presentation through optimized beam geometry
- Rugged roller conveyor, capacity 1000 kg / m, i.e. up to 5000 kg when evenly distributed
- Meets TSA requirements for skid size 1,2m x 1,2m x 1,65m, (48" x 48" x 65")
- HI-MAT Plus technology for advanced material discrimination
- Typical penetration: 37 mm of steel

ECAC regulation (EU) 2015/1998 DGAC-STAC approved (France) TSA – ACSTL qualified (US) HI-SCAN 145180-2is a state-of-the-art X-ray inspection system for scanning objects up to a size of 145 cm x 180 cm (57"/ 71") [W x H].

Due to the compact footprint and the large tunnel dimensions the imaging system is perfectly suited for the inspection of air cargo, freight and palletized goods.

The HS 145180-2is is equipped with two 160 kV generators in a 90° opposition thus providing a horizontal and a vertical view of the object (dual view). This particular screening method facilitates a reliable inspection of even tightly packed objects in only one process. The dual view concept shortens inspection times and increases the effectiveness of the screening procedure.

Its new, innovative user concept makes it as easy to handle as the single-view system.

Even with a second beam direction, this new system remains compact and highly space-saving.

The heavy duty roller conveyor (small pitch design) allows the screening of heavy objects; conveyor load up to 5000 kg (evenly distributed).

HI-SCAN 145180-2is the security concept for handling air cargo, freight and palletized goods.

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Tunnel dimension 1470 WI x 1820 HI (mm) + 57.8° (W) x 71.7° [H] Max. object size 1460 WI x 1820 HI (mm) + 57.1° (W) x 70.9° [H] Conveyor high size approx 570 mm [22.4°] Conveyor speed (adjustable with groups on speed (adjustable with size (adjustable with groups on speed with groups on speed with groups on speed with groups on speed groups on speed with groups on speed (adjustable with groups on speed (adjustable with groups on speed (adjustable with groups on speed with groups on spee	Concert Specifications	
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Additional Features Functions fading-in of date/time, luggage counter, user id-number, luggage marking system (acoustic), display of operating mode, REVIEW-feature (to recall previously visible image areas), zoom overview, free programmable keys, USB 2.0 interface, stepless zoom Options HI-TIP, HI-SPOT, SEN, XPlore, IMS (Image Store System - stores up to 100,000 images), Random ReCheck Installation Data meets all applicable laws and regulations with respect to X-ray emitting devices. CE-labelling in compliance with guidelines 2006/42/EC, 2014/35/EU, 2014/30/EU Sound pressure level <70 dB(A) Operating- / storage temperature 0° - 40°C / -20°C - +60°C Humidity 10% - 90% (non-condensing) Power supply 4 Standard: 230 VAC +10% / -15% • 50 Hz / 60 Hz ± 3 Hz Power consumption approx. 2.2 kVA (without options) Protection class system/keyboard IP 20/IP 43 Dimensions • Weight ⁴⁹ 5537 [L] x 2160 [W] x 2545 [H] [mm] • approx. 3000 kg 221.9" (L] x 85" (W) x 100.2" (H) • approx. 6600 lbs Mechanical construction steel construction with steel panels, mounted on roller castors	Monitor	
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	Machanical construction	
standard color(s): KAL /UI6 (dark gray)	Mechanical construction	
		stanuaru cotori(s): RAE 7016 (0ark gray)

 $^{\rm 2l}$ Conds.: steel step wedge, CU wires, conveyor speed 0.2 m/s $_{\rm 3l}$

⁴⁾ different values optional
⁵⁾ approx. without control desk, keyboard, monitor(s), control cabinet, etc.



For product information, sales or service, please go to www.smithsdetection.com/locations

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