ADANI

X-RAY BAGGAGE INSPECTION SYSTEMS

BV 100100TB

ESPECIALLY DESIGNED FOR QUICK, ACCURATE
AND HANDS-FREE INSPECTION OF BAGGAGE AND SMALL CARGO

- AIRPORTS
- SECURITY CHECKPOINTS
- BORDER CROSSINGS
- CUSTOMS FACILITIES
- SEAPORTS

This inspection system offers sophisticated technology, a large tunnel size, and minimum inspection time with no need for unpacking and opening the inspected objects. BV 100100TB system is a convenient and effective solution for sites where oversized baggage and small cargo control are required. It has an easy loading design with a lower deck pallet of just 300 mm [11.81"] height. BV 100100TB meets the requirements of customs facilities, airports, logistics companies, or wherever security screening of heavy packages is required. It guarantees high throughput and effective screening.

KEY FEATURES

▸ COST-EFFECTIVE SOLUTION
▸ PROVEN RELIABILITY
▸ SIMPLE INTERFACE
▸ REAL-TIME SELF-DIAGNOSTICS
▸ AUTOMATIC IDENTIFICATION OF SUSPICIOUS OBJECTS
▸ MULTI-LANGUAGE INTERFACE
▸ QUICK START-UP AND SHUTDOWN
▸ THE FAULT-TOLERANT CONFIGURATION OF THE SYSTEM

OPTIONS

▸ **ENTRY / EXIT ROLLERS OF VARIOUS LENGTH**
▸ **OPERATOR'S DESK**
▸ **SET OF TEST OBJECTS**
▸ **TWO MONITORS FUNCTIONALITY**
▸ **TOUCHSCREEN OPERATION**
▸ **RAMP**
▸ **UNINTERRUPTIBLE POWER SUPPLY**

Specifications

Tunnel dimensions (WxH)	39.8" x 39.8"
Conveyor speed	0.49 ± 0.06 mph
Load on the conveyer	441 lbs
Anode voltage	Standard 160 kV / High 180 kV
Steel penetration in high mode	GUARANTEED 1.34" TYPICAL 1.42"
Wire detectability	38 AWG
Dual-energy detector	Yes
Number of colors within the X-ray image	7 and 3
Dimensions (LxWxH)	139.8" x 50.4" x 72.8"
Weight	2094 lbs
Power Supply	230 VAC ± 10% / 120 VAC ± 5%, 50/60 Hz
Power Consumption	Max 0,9 kVA
Operating temperature	from 32 to 104 °F
Humidity (at + 35 °C)	up to 98%, non condensing

List of software features available to an operator

▸ Automatically calibrating and normalizing the X-ray detector
▸ Highlighting optically dense objects
▸ Adjusting contrast of strongly absorbing objects
▸ Inverting images
▸ Gamma-correction of images
▸ Optimizing the overall contrast
▸ Coloring substances with atomic numbers from a selected range
▸ Pseudocoloring of images
▸ Displaying organic objects with atomic numbers equal to 7, 8, and 9
▸ Displaying substances according to a selected range of signal strength
▸ Zooming images up to 96x
▸ Automatically saving X-ray images in archive
▸ Browsing the image (JPEG format) archive
▸ Copying images on external storage media
▸ Threat Image Projection (TIP)
▸ Counting inspected baggage
▸ Preparing service reports

139.8"
81.1"
50.4"
72.8"
39.8"
39.8"
12.6"

SGS
ISO 9001
CE

Authorized Representative in EU/EC

| EC | REP |