BV M.A.X.
COMPACT, LIGHTWEIGHT AND PORTABLE
X-RAY SYSTEM FOR EFFECTIVE
INSPECTION OF MATTRESSES

BV M.A.X. is a compact mobile conveyor type X-ray screening system for fast, effective and contact-free inspection of mattresses and inners’ personal property. Due to the compact design and special wheels it can be easily relocated and deployed wherever security inspection is needed. BV M.A.X. will easily fit through standard interior doorways. This movable and highly versatile device is the first system designed specifically to address the problem of detection system contraband. It is created to eliminate the need to fold mattresses to fit into conventional X-ray inspection systems making inspection fast and easy. BV M.A.X. has full baggage scanner functionality and is able to inspect mail and personal property.

KEY FEATURES

Automatic identification of suspicious objects and optically dense objects highlighting
Unique software algorithms enable automatic highlighting of such objects as weapons, explosives, narcotics as well as opaque areas where dangerous object may be concealed. These function dramatically improves the detection efficiency.

Quick start-up and shutdown
The system is ready for operation within 30 seconds. It is also possible to shutdown it instantly.

Multilanguage interface
English, German, Russian, Italian, French, Spanish, Portuguese, Polish, Arabic, Chinese and any other language on request.

Real-time self-diagnostics
The state of all important components is controlled non-stop allowing the system being kept operational.

The fault-tolerant workstation
A special Operator’s Workstation software is resistant to viruses and other harmful interference. The immediate system shutdown secures the equipment and data.

7 and 3 colours imaging
Operator can switch between typical 3 colours imaging (organics/inorganics/metals) and innovative 7 colours imaging providing more precise material discrimination. New colour palette makes the operator perception remain not “overloaded” when working during a period of time improving the inspection performance.

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Atomic No.</th>
<th>3 Colors</th>
<th>7 Colors</th>
<th>Example</th>
<th>Possible Threat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Organics</td>
<td>6-</td>
<td>Orange</td>
<td>Red</td>
<td>Polyehtylene, light hydrocarbons</td>
<td>Natural gas, gasoline</td>
</tr>
<tr>
<td>Organics</td>
<td>6-8</td>
<td>Orange</td>
<td>Orange</td>
<td>Timber, oil, alcohol, water</td>
<td>Explosives, pure drugs, diamonds</td>
</tr>
<tr>
<td>Light Inorganics</td>
<td>8-10</td>
<td>Orange</td>
<td>Yellow</td>
<td>Paper, teflon</td>
<td>Drugs</td>
</tr>
<tr>
<td>Inorganics</td>
<td>10-12</td>
<td>Green</td>
<td>Chartreuse</td>
<td>Glass</td>
<td>Gems</td>
</tr>
<tr>
<td>Nornmetals and Light Metals</td>
<td>12-18</td>
<td>Green</td>
<td>Green</td>
<td>Aluminum, silicon</td>
<td>Gunpowder, detonators</td>
</tr>
<tr>
<td>Heavy Metals</td>
<td>18-30</td>
<td>Blue</td>
<td>Blue</td>
<td>Iron, steel, copper, brass, nickel, titanium</td>
<td>Weapons, ammunition, knives</td>
</tr>
<tr>
<td>Dense Metals</td>
<td>30+</td>
<td>Blue</td>
<td>Violet</td>
<td>Zirconium, tin, bronze</td>
<td>Precious metals</td>
</tr>
<tr>
<td>Impenetrable</td>
<td>-</td>
<td>Black</td>
<td>Black</td>
<td>Lead, bismuth</td>
<td>Hidden threats</td>
</tr>
</tbody>
</table>

www.adanisystems.com
info@adanisystems.com

ADANI BV product line was especially designed to meet the modern requirements of security providing innovative and effective screening solutions.
Dual energy X-ray inspection allows operators to detect weapons, explosives (including plastic explosives), drugs, fuses and dangerous objects representing a safety hazard.
Parcel, baggage and small cargo inspection systems comprise a wide range of tunnel sizes, conveyor heights and load capacities incorporating practically any security screening infrastructure. The full mutual integration of ADANI products creates the most comprehensive inspection checkpoints.
BV 5030CA
COMPACT AND EASY-TO-USE DESKTOP X-RAY INSPECTION SYSTEM FOR QUICK AND EFFECTIVE SCREENING OF HAND BAGS AND PARCELS

KEY FEATURES:
- Retractable touchscreen
- Easy-to-operate and user-friendly interface
- Compact and lightweight
- 30 seconds for ready to work
- Automatic gun and other suspicious items detection
- Real-time self-diagnostics
- Compliance with international standards

BV 5030CA is an ideal solution for the inspection of handbags and small baggage within the limited space and unequipped inspection area. This lightweight system can be easily relocated without using of special equipment.

www.adani systems.com
info@adani systems.com

BV 5030
BV 6045

BV 6080
BV 100100TB

BV 160165
BV 160180

BV 100100DV

BV 100100M
MOBILE BAGGAGE INSPECTION POINT

BAGGAGE INSPECTION SYSTEMS DUAL VIEW MODELS

BV 6045DV

WNR continuous development of our products, ADANI reserves the right to make changes to the design and specifications at any moment and without notice.

Authorized Representative in EU/EC
ADANI LTD
25 PARK MILE
London SW7 5UL
United Kingdom
+44 20 7222 3903