

X-Ray and Metal Detectors



The JFE Security supplied X-Ray system is a multi-energy X-Ray security inspection system equipped with state-of-the-art X-Ray imaging technology. The JFE Security supplied X-Ray and Metal detection System integrates seamlessly with the JFE Security Management System (SMS). It provides high resolution and ultra-clear images for easy object identification with the latest technology of computer control and image processing. The tunnel size allows inspection of large articles. It is ideal for security inspection at airports, customs, railway stations, government buildings, mailrooms, courts and many other public gathering situations.

Technical Data

The certification and authorization for JFE Security supplied X-Ray products are listed in the following:

- ISO 9001 quality management system / ISO 14000 environmental management system / OSHMS occupational safety and health management system certification
- Aviation security inspection equipment application authorization issued by General Administration of Civil Aviation of China (aviation standard MH 7011-2003).
- Relative technical requirement of US FAA/TSA
- Relative standard requirement of US FCC.
- Safety certification of US NRTL

Safety certification of EU TUV-SUD, which is in conformity with relative commands in CE:

- a) EN 61010-1:2001 Safety Requirements for Electrical Equipment of Measurement
 - b) EN 60204-1:2006 Electrical Equipment of Machines General Requirements
 - c) EN 61000-6-2:2005 Generic standards – Immunity for industrial environments
 - d) EN 55011:2007 Industrial, scientific and medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement
- Weight: approx. 950kg
 - Dimension: 3600(L) x 1265(W)mm x 1740(H)
 - Tunnel Size: 1005(W) x 800(H)
 - Conveyor Speed: approx. 0.2 m/s
 - Conveyor Height/Load: 770mm/200kg
 - Penetration: 32mm steel
 - Resolution: 0.10mm wire
 - Dose per Inspection: less than 1 μ Sv, safe for film up to ASA/ISO 1600
 - Radiation Leakage: less than 2 μ Sv/h, at a distance of 5cm from external housing, complying with all published international standards