DST security

magshoe™
Shoes-On Metal Detection

The New MagShoe™ 3G Series

MagShoe™3G series - The latest metal detectors from the MagShoe™ family of Shoes-On Metal Detectors from **DST Security**.

MagShoe™ metal detectors are employed all over the world wherever a strict control over entry of weapons and other metal objects is required.

Our detectors employ state-of-the-art sensors and algorithms to detect weapons and other controlled metal articles going in or out of secure environments such as government facilities, stadiums, airports, prisons, coin-production mints etc. By providing accurate measurements MagShoe™ solutions keep the false alarm rate low, while detecting guns, parts of guns, knives and metal objects concealed in shoes and the lower part of the body, and at the same time ignoring metal normally found in footwear, like heels, zippers, ornaments etc. This keeps the number of manual inspections required at minimum focusing on the real threat.

The latest models of the MagShoe™3G series - features improved sensors and detection algorithms, higher detection range, on-board LED displays for scan results and user information together with the ability to connect to a MagShoe™ centralized Network Management and Control System - the NMC-3.

Usage of the NMC-3 software system allows real-time monitoring and control of all the deployed MagShoe™ units from a central remote location.

MagShoe™3G/2

The 3G/2 model is actually the predecessor of the field-proven and widely used MagShoe™ model 2.72, already installed in numerous locations worldwide and used in various applications, both in the Home Land Security and Loss Prevention markets.

MagShoe™ systems are installed in Parliaments and other Governmental buildings, Prisons, Cruise Ships, Sport Stadiums, Residential compounds, Coin production mints, Jewellery factories and more

The 3G/2 model features improved detection and sensitivity settings to comply with the unique detection requirements of the HLS market (i.e. detection of a blasting-cup or other detonation apparatus, small ammunition, electrical wires etc.) and the Loss Prevention market (i.e. theft-prevention of small metallic items like coins, electronically parts and other valuable metallic items). An optional fixed safety Rails system ensures a safe and simple use.

The MagShoe™3G Series

- Fully automatic and fail-proof operation requiring minimal training and supervision
- Discrimination of the metal components found in shoes
- Significantly reduces the number of manually examined or X-Rayed footwear
- Scanning only takes a number of seconds increasing the passenger flow rate
- Two levels of password-protected user-permissions reduce the probability of human error or maliciou disruption
- On-board statistic data collection and analysis with download options
- Ability to connect to the remote Network Management & Control system (NMC-3) via a local Etherne Network
- Magnetic interference resistance for flexible placement among the existing equipment and infrastructur
- Certified as fully safe for wearers of pacemakers and pregnant women; uses non-ionizing and harmles low-frequency electromagnetic fields

MagShoe™3G/2 Features:

- Detection height of 20 cm (7.9") from sole
- Improved algorithm for sensitive detection of small items
- Rapid scan time - about 2 seconds per check
- Low false alarm rate
- Preconfigured threshold levels according to needs and demand
- Manual threshold settings option to conform to local regulations and for training purposes
- Back-up Battery with audio/visual indication of emergency use, i.e. during main power failure or use in a temporary location
- No special training required, simple and easy to use
- Light weight and portable, easily moved and re-installed in a matter of minutes
- Small foot print, easily integrated into existing check point operations
- Low maintenance required