CHEKPOST
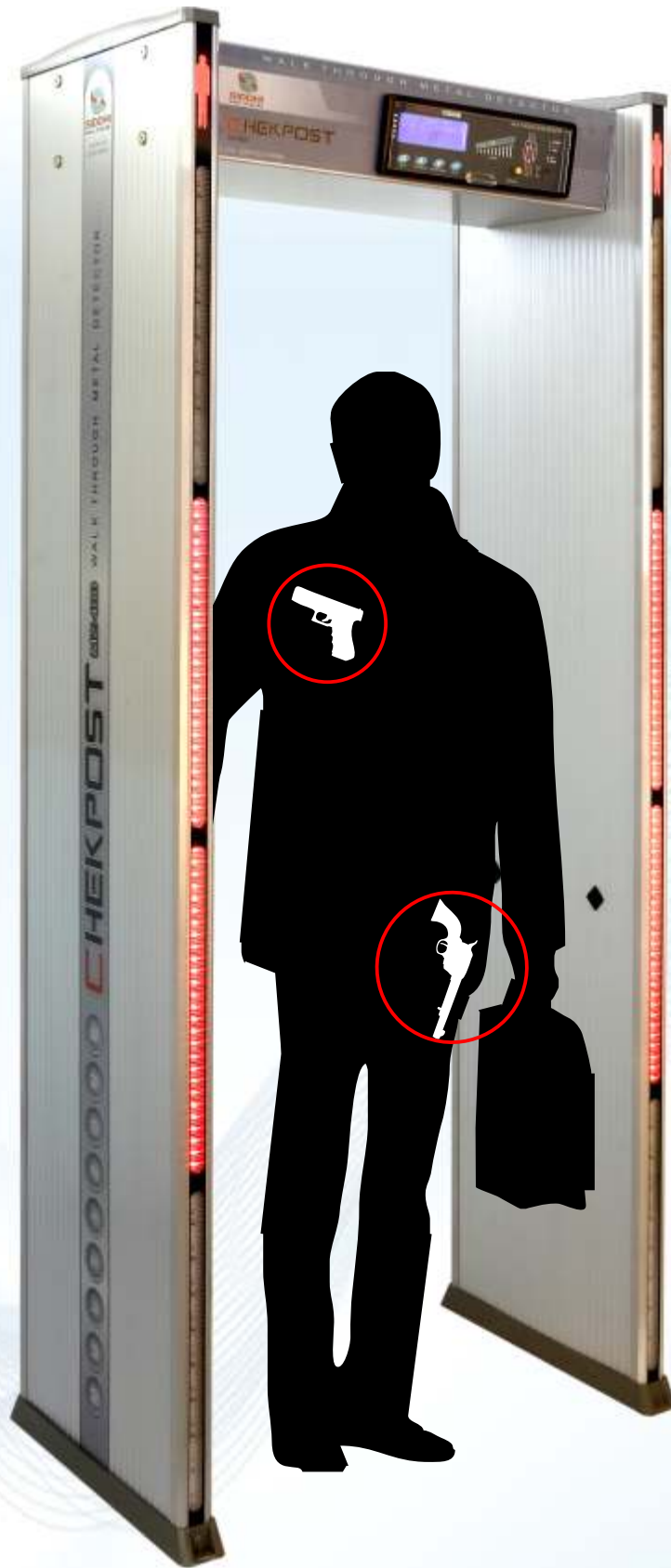

SIDDHI
Innovation...One Step Ahead

MULTIZONE DOOR FRAME
Walk Through Metal Detector

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AN ISO 9001: 2008 CERTIFIED COMPANY

Mfg: Metal Detectors, Security Equipments, Test & Measuring Electronic Equipments.

A-15

TÜV AUSTRIA
CERTIFIED

Multizone Door Frame Metal Detector
Model : CHEKPOST MZ-400 / MZ-600 / MZ-800 / MZ-900

SIDDHI CHEKPOST MZ-400 / MZ-600 / MZ-800 / MZ-900 has Four / Six / Eight / Nine respectively separate metal detectors in one frame. The detection coil structure is designed in such a way that it enhances the metal detection process compared to the conventional single zone metal detectors. Metal location on a body of a person is reliably displayed at each zone indication on the side panels. If metal is present in more than one zone, then all the zones with metal are displayed on the representative zone symbol provided on the front panel as well as on the side panels & the zone with the peak metal is displayed on the Bargraph.

The detection coil and the microcontroller based control module are housed in an aesthetically designed state-of-the-art door-frame which can blend into any sophisticated decor. The Door-frame is designed for quick installation and erection. Walk / Stop indicators above the entrance, both on front and back side, regulate the flow of traffic. All the password protected controls and audio-visual indications are provided on the top of the rear side of the door-frame.

Sensitivity of each zone can be set separately to get uniform sensitivity at each zone. Microprocessor technology ensures fast, reliable and precise data processing and operation. Detects both ferrous and non-ferrous metals, which may be concealed on a person.
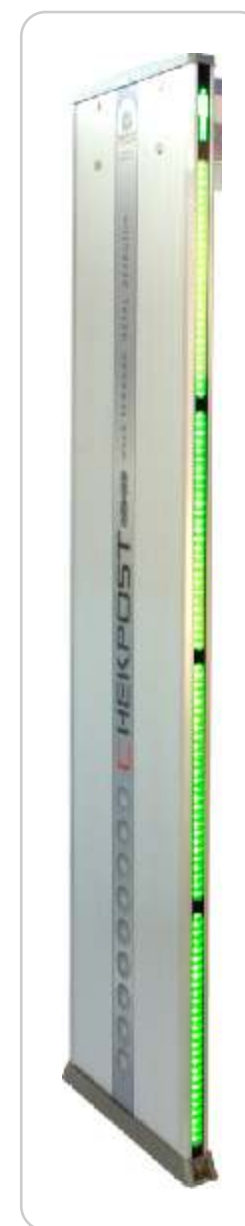
SIDDHI Metal Detectors are backed by prompt and effective after-sales service supported by a team of trained efficient engineers. The minimum downtime is achieved by plug-in card assembly system and readily available standardized spares.
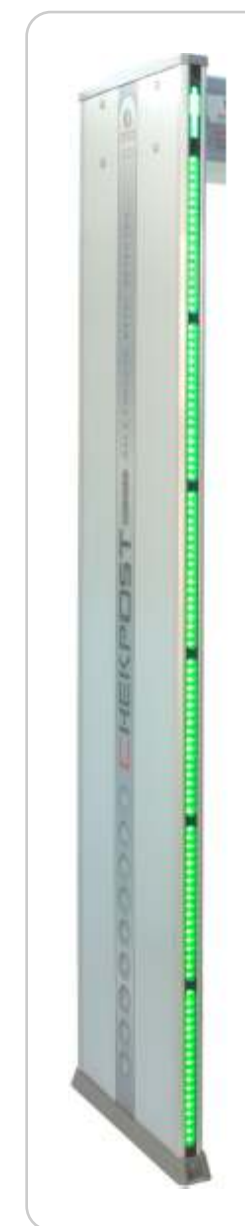
Features :
• Four / Six / Eight / Nine zone detection.
• Microcontroller based with advance SMD Technology, enhances the precision in metal detection.
• Auto-set calibration, no setting is required once the metal detector is switched ON.

• Detects ferrous & non-ferrous metals.
• Detector is continuously active, no metal can be tossed without detection.
• Infrared occupancy sensors for traffic counter (IN/OUT/NET).
• Digitally controlled sensitivity, threshold & volume.
• Independent sensitivity setting of each zone.
• Self test program, system fault indicator provided.
• Battery backup for memory protection.
• Zone display on side panels of the frame along the length.
• Multi-tone Audio / Visual indication for metal detection.
• LCD display for messages, time, date and intelligent counter.
• Tactile keypad for parameter settings with password protection.
• Walk/Stop indicators, both on front and back to regulate flow of traffic.
• Plug in type PCB assemblies for easy maintenance.

MZ-400   MZ-600   MZ-800   MZ-900

*Colour, shape of actual product may vary

Technical Specifications :
• Power supply : SMPS 170-250VAC
• Sensitivity :
> Sensitivity settable in 9 steps from L1 to H3 & independent customized setting from 0 to 255

Environmental Conditions :
• Operating temperature: 0 to 50 degree C
• Humidity: 0…90% RH non-condensing

Dimension and Space :
• Passage Clearance : 1950 X 755 X 540 mm
• Overall dimension : 2155 X 870 X 540 mm
• Floor Space required : 870 X 540 mm

Siddhi Equipments always tries for innovation and hence specifications are subject to change without notice.