**Securitex** Metal Detector Division



## Securitex-Hand Held Metal Detector Scanner (SHMDS-1/ESH-10-TERASCAN)

INTRODUCTION

The Securitex-Hand Held Metal Detector Scanner (SHMDS-1/ESH-10) from Securitex is a very user friendly portable metal detector capable to detect all concealed metallic objects including guns, small knives to metallic parts like machine parts, screws, blade, box cutters and even tiny jewelry or electronic components carried by passengers into aircraft, metal machining factories or even sensitive installation. This system is very suitable for use at airports, seaports, banks, public buildings, prisons, stadiums, hospitals, schools. Oil & Gas facilities, military installation, ammunition and bombs storage facilities etc The SHMDS-1/ESH-10 detector is very durable, refined and is extremely light weight (220g) very suitable for user's convenience. The detector provides a large scanning surface to permit quick and thorough scanning and it has vibration function for avoiding any noise or disturbance.

### Environmental

If the minimum distance is maintained over 1 Meter:

The metal detector does not affect the operation of cardiac pacemakers, mobile phones and any magnetic recording materials (tapes, cards, diskettes, etc.).

The metal detector is immune to electromagnetic interference of the frequency bands of LF, MF, HF, VHF, UHF, etc.

The metal detector does not cause any interference or be interfered by walk through metal detector, and X-ray baggage inspection system, walkie-talkie radio set and any other electronic equipment operating system in close proximity.

### FEATURES

▪ Detects all types of metal object : Ferrous and non-ferrous *Choice of sound alarm or silent vibration alarm

▪ Easy to use, 3 position switch for power, sound and vibration

▪ Sensitivity setting at optimum level-no tuning required * Low battery indicator

▪ Quick-change battery compartment * Charger Jack

### SPECIFICATION & DIMENSIONS

| Indicators | Operating Temperature |
|---|---|
| Solid Yellow LED : AL - Target Detected | -15 to +45 Degrees Centigrade |
| Flashing Green LED : PW - Power On | Operating Frequency: 30 KHz |
| Flashing Red LED : BT - Low Battery Indicator | Reset Time: 0.5 Second, Automatic |
| Alarm Signal | Dimensions |
| Sound Mode : Buzzer with Red LED | Weight : 7.76 ounces (220g) |
| Vibration Mode : Vibrator with Red LED | Width : 3.03" (77mm) |
| Battery | Thickness : 1.02" (26mm) |
| Single 9 Volt Alkaline or Ni-Cd | Length : 14.76" (375mm) |
| Battery Life : 30 to 40 Hours (Ni-Cd) | |
| 28 Hours (Alkaline) | http://www.securitex.com.sg |

### Approval

The detector carries the following approval: CE (Certificate of EMC) Compliance according to: EN 61000-6-3:2001/A1:2004, EN 61000-6-1: 2001

**Securitex Electronic Systems Engineering**

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