

To Whom It May Concern,

CE Declaration of Conformity
CE Label: 06

The undersigned, representing the following **Company**;

ELEKTRAL Elektromekanik San. ve Tic. A.Ş.
A.O.S.B. - M.K.Atatürk Blv. 23 Cigli
35620 IZMIR – TURKEY

hereby declares that the following **electrical equipment**,
under registered Brand Name: ThruScan

- **Walk-Through Metal Detectors**
 - Model: “ThruScan/sX”
 - Model: “ThruScan/s9”
 - Model: “ThruScan/sX-I”
 - Model: “ThruScan/SX WP”
 - Model: “ThruScan/s6”
- **Hand-Held Metal Detectors**
 - Model: “Thruscan”
 - Model: “Thruscan-dX”
 - Model: “Thruscan/dX-X”

are in conformity with the provisions of the following **EU Directive(s)** when installed in accordance with the installation instructions contained in the product documentation:

73/23/EEC **Electrical Safety-Low Voltage Directive-LVD**
89/336/EEC **Electromagnetic Compatibility-EMC**

and complies with the provisions of the following **harmonized standards**:

EN 60950-1 **Information technology - Safety - Part 1: General requirements**
(IEC 60950-1:2001)

EN 61000-6-3 **Electromagnetic compatibility (EMC) - Part 6-3: Generic standards – Emission**
standard for residential, commercial and light-industrial environments

EN 61000-6-1 **Electromagnetic compatibility (EMC) - Part 6 - 1: Generic standards - Immunity**
for residential, commercial and light-industrial environments

as conformity to CE and EU norms are reported with the “Certificate of Expertise” issued by EBSO on 7th June 2004, hereby attached.



EGE BÖLGESİ
SANAYİ ODASI

8 HAZ 2004

AEGEAN REGION CHAMBER OF INDUSTRY

CERTIFICATE OF EXPERTISE

Subject: Certificate of Proving the Features of Hand-Held and Gate / Walk-Through Magnetic Detectors

Manufactured by,

ELEKTRAL Elektromekanik Sanayi ve Ticaret A.S.,

located at Izmir Atatürk Organized Industrial Zone, M.K. Atatürk Bulvarı (10006 Sk), 23, Izmir-TR determined by
Turkish Chambers Association – EBSO Capacity Report nr. 02/627,
Industry Register 510119.85, Chamber Register nr.: 9737, Trade Register nr.: 1659/K: 1327

**MAGNETIC GATE / WALK THROUGH METAL DETECTOR-WTMD
MAGNETIC BODY SCANNER / HAND-HELD METAL DETECTOR-HHMD
Types: Thruscan s, sL, s9, sXi, sP, dS, dV, fs9, fsX**

Annex 09001:2000-Quality Management System and various TSEK Quality Certificates owned Company's products have been taken at random from the production line and subjected to the Physical and Electronic tests, applied to similar ones in the frame of Standards and usages taken into account from leaflets, basic measurement principles and alike Foreign basis Accordingly ;

1. Magnetic Field Strength NILECJ-0601 (Levels 1-5) produced by the said device, measured in the sections where pace-makers are placed (20 and 60 cm Tx), appeared much lower than 1 Gauss (66 and 7 mili-Gauss). Whereas according to the FDA (American Food & Drug Administration) and pace-maker manufacturers, 25 Gauss and upper value as per U.S.A ASTM Duty Group F12-63 Weapons Detection March 10, 1988 dated statement, 3 Gauss and upper values where admitted to be safe.

No interaction nor program deterioration where established at the real testing on PW3200228K Pace-Maker, carried out by MEDITRONIC BV HOLLAND Company representative and SYNERGIST II7070 DDDR (Activity). Here, Arterial and Ventricular based Impulse Amplitude, Impulse time, +/- Sensitivity, Diffraction period, Normal, Magnetic, arterial-ventricular intervals were observed on the Pace-Maker Programming and Scope device. In addition, taking into account the heart beat being approx. 72 / min (1,2 Hertz), its infectiveness understood, as Tx (transmitter) frequency period selected at kilo hertz level was assumed to impact only a negligible amount of pace-masker's frequency period. Besides the pace-maker, pregnancy, flash memory, magnetic media like tape, card and diskettes were also tested and found not affected thereby.

2. The equipments have been found as to conform the (CE) EU-European Union Directives as for Safety: EN 60950 ; Electromagnetic Conformity: EN 61000-6-3(Emission); EN61000-6-1(Immunity) and as a result conformed "CE" directives. Afore mentioned Equipment (HHMD,max 1/4watt and WTMD, 20-30watts) are far beyond the acceptable transient values of "CE".

3. As a result of noise suppression provided on Gate / Walk-Through Magnetic Detectors by CORCOM 3 VB1-F2563 (Under Writers) EMI FILTER, the value noise spread by the device was found in conformity with VDE 871.

4. The sensitivity tests of the Security Equipment have showed and proved that they comply the criteria of FAA(3-Gun-Test), TSA, NILECJ.

5. Regarding the protection against external factors, the devices comply with IP 53-54-55(optional) (min. IEC 529) and IEC 348 Class 1 in Safety Class.

6. It is observed use of material, complying with TSE applied to the material of this Standard. Modular system is used to facilitate after sales services.

Hand-Held Detector characteristics; It was established that the battery charger includes LED indicator and alarm warning charge lowering, the sensitivity adjusted by potentiometer, with vibration feature and headphones applicable when necessary.

Gate / Walk-Through Magnetic Detector Characteristics; It is verified that 1 to 35 zone(optional) alarm perception is indicated on LED VU-meters, showing also a danger intensity, able to count separately the number of in-coming and out-going, to get turned off and individually rendered null, having a memory and it is further fixed that the sensibility and alarm signal intensity and tones are adjustable, that there is an output for coupling to the system's central safety system and that all programming controls are placed in the locking panel. It is further established that all treatments on multi-zoned, s9, sX typed units are PIC/microprocessor controlled, all capable to operate side by side and so this "report" issued, duly signed.

EXPERTS

Erol ŞEN
Master of Science in
Engineering Physics
University of Ankara
Duly Signed

07.06.2004

Muzaffer YEŞİLTAŞ
Master of Science in
Electronic Engineering
Istanbul Technical University
Duly Signed

It is certified that above signatures belong to our Chamber Experts Erol Şen and MuzafferYeşiltas.

Secretary
General
EGE BÖLGESİ
SANAYİ
ODASI
**Seal and
Signature**

Swear hereby that he foregoing is a true and correct translation from the Turkish into the English by a Notary public registered sworn translator.

İşbu belge Türkçe'den İngilizce'ye tarafımdan tercüme edilmiştir.

İşbu belgenin dairesel yeminli tercümanı Seza Zeki tarafından Türkçe'den İngilizce'ye çevrildiğini onaylıyorum. İkibindört beşerli huzur ayının sekizinci gününde. 08.06.2004.

Karşıyaka 2. Noteri

