SDM4-CTGA

Walk-through metal detector with column transducers

Light size and weight.
Large visual control display.
Entirely programmable by keyboard.
High immunity to electromagnetic noise.
Automatic synchronization between two or more metal detectors.
Excellent discrimination between personal items and weapons.
Waterproof base for anchoring to the floor.

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100% made in Italy

ELECTRONIC CONTROLLER

Shockproof thermo-moulded ABS case (IP20).
Feeder with input voltage 100-240Vac 50-60Hz.
Feeding voltage 24Vdc.
Electrical absorption 30Watt.
Sampling Frequency 5 kHz.
Temperature range –20°C +70°C.
Non condensed relative humidity 0-95%.
Immunity to electromagnetic noise.
Excellent discrimination between personal items and weapons.
Programming via keypad.
Viewing configuration settings via LCD.
Safety key for access to programming.
Self-diagnosis system.
Storage parameters via solid state memory.
Incorporated RS232 serial interface board.

Optional
Feeder with battery charger with input voltage 100-240Vac 50-60Hz.
Auxiliary buffer batteries 4 hours autonomy
Ethernet Network Connection by means of an external module.
Remote Management Software (Windows O.S.).

ALARM INDICATORS

Visual alarm through Red LED and LCD.
Audible Alarm adjustable in duration, frequency and tone.
Visual indicator of alarm status and operating status.
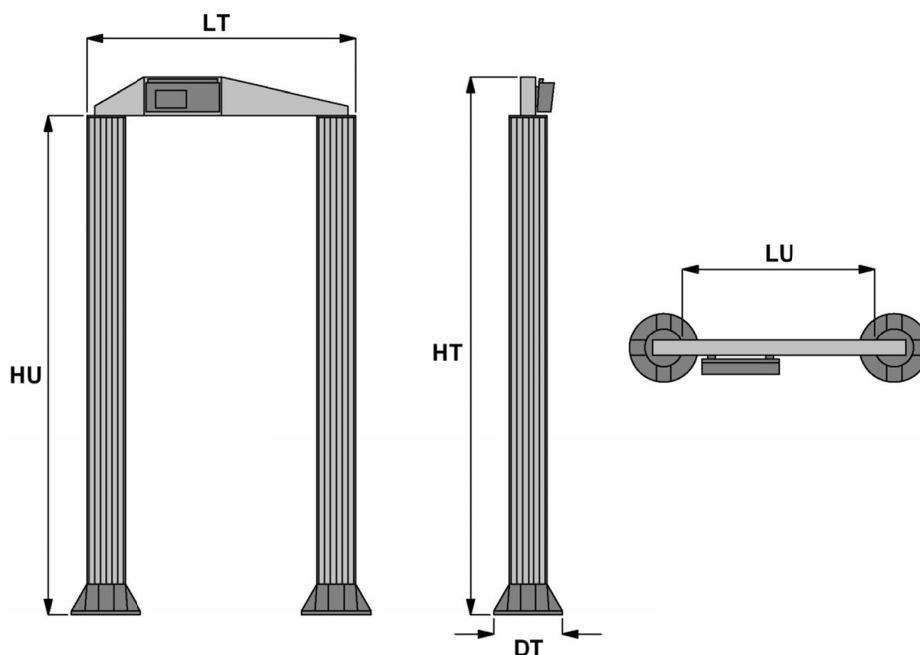Visual indicator for Battery feed.

Optional
Remote signalling unit.
Wheeled mobility kit.

GENERAL SPECIFICATIONS

Two password levels (User – Super User).
Automatic synchronization between two or more metal detectors (with no connecting cables).
Waterproof base for fastening on the floor.
No starting calibration.
Control for sabotage prevention.
All parameters programmable.
Little maintenance.
LCD display for programming function indication.
General external background noise measurement proportional to the threshold set.
External electromagnetic noise measurement proportional to the threshold set.
100 sensitivity levels.
06 amplification levels.
100 object detecting speed values.
20 analysis values.
100 manual frequency searching values.
20 programs which can be personalized.
Filters inserting by programming.
100 acoustic intensity levels.
100 alarm time levels.
200 volume levels.

Optional
Metal samples test (OTP). Designed according to the standards FAA 3.

CERTIFICATIONS

Harmless to magnetic supports (floppy disk, tapes, credit cards, etc).
Complies with Regulations relating to human exposure to electromagnetic fields and safety for pacemaker users.
In compliance with NILECJ-0601.02 standards all levels.
In compliance with "3 GUN TEST" FAA standards.
In compliance with CE standards.
ISO9001 Quality Control Procedures.

DIMENSIONS

Transducer Model	HT (mm)	HU (mm)	LT (mm)	LU (mm)	DT (mm)
CTGA	2140	1980	1000	720	200