

EB 607

Hand-held metal detector – practice-proven in large-scale and long-term use

- Robust metal design
- Simple to operate, easy to handle
- High detection sensitivity
- Automatic calibration
- Loud audio signal
- LED indication for control functions
- Optional vibration alarm



Internationally proven

The handheld metal detector EB 607 is characterized by its robust metal design and has proved itself internationally in security checks and in particular in penal institutions. The forerunner of 607 is widespread by the thousands having performed many years of daily service. They are common at passenger airports, with the police, in prisons, in courts and in the military.

Construction features

The EB 607 handheld can detect items of ferrous and non-ferrous metals as well as alloys. It consists of a tubular aluminum handle with built-in electronics, battery compartment and controls. The handle is flanged to a halo shaped ring coil of 145 mm diameter. EB 607 is powered by a 9 Volt block dry battery (IEC no. 6LR22) or a rechargeable NiMH battery (PP3) of same dimensions. The ring coil version is applied wherever metal objects of some size have to be found, such as in example dangerous knives, knuckle-dusters or parts from weapons and similar.



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Operating

The ergonomically shaped handheld detector is easy to use. The rocker switch for ON/OFF and operation mode is placed next to the operators fingers when he holds the device in operation. It has two settings: with the switch in upper position the audio alarm mode is selected, when in its lower position the rocker switch activates the vibration alarm mode. The preferred detection sensitivity can be set by a flush-mounted adjuster inside the battery compartment while the device is operational. The optical alarm (red LED) remains the same in both operation modes.

EB 607-Z hand held detector with probe

On request the handheld detector can be supplied with a baton-type probe (Ø 22 mm) to assist in pinpointing very small metal objects. The Z-version has proven its particular worth in detailed checks at prisons where very precise and detailed security checks are inalienable. The probe type is also a useful tool to inspect letters, flat parcels and jail cells for illegal or dangerous metal items.

Technical data

Power supply	Battery 9 V E-block (6 LR) or Rechargeable battery NiMH
Operating time*	Battery approx. 40 - 60 h Rechargeable battery approx. 20 - 25 h
Dimensions	
Overall length	approx. 400 mm
Electronics housing	approx. Ø 35 mm
Search head	approx. Ø 145 mm
Baton-type probe	approx. Ø 34 mm, approx. length 100 mm
Transport case	approx. 420 x 325 x 85 mm
Weight	
Hand-held detector	approx. 470 g
Cylinder-type sensor	approx. 400 g
Hand-held with case	approx. 1.800 g
Z-version with case	approx. 1.730 g

*Depending on temperature as well as quality of batteries used

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