

# Handheld Metal Detector MH6



The MH6 is mainly used for security applications such as Airports, Embassies, Prisons, Nuclear Plants, and at other high security facilities. Police use the MH6 for suspect search procedures and VIP protection. Additionally, business users can prevent employee theft of products containing metal components.

- High search sensitivity
- Controls and visual alarm always in the operators view
- Additional vibration alarm
- Automatic adaptation to environmental conditions
- Well balanced - less operator fatigue
- Oval search head for extra coverage

NATO-Stock-Number 6695-12-362-1874

**Searching with Excellence**

## General

The hand-portable Metal Detector MH6 is easy to use and has an excellent detection sensitivity.

It has been designed specifically for searching persons, letters and packages for weapons and other metallic contraband.



With a streamline shape, smooth curve lines and a slim search head the MH6 detector is the design ultimate in both appearance and in use.

Quick and simple replacement of the battery (respectively rechargeable battery).

Upon request the battery cover can be locked by means of an additional screw so that only authorized personnel may replace the battery.






## Optional Accessories

- Rechargeable battery 9 V (accumulator)
- Standard charger (230 V / 9 V) for the rechargeable battery
- Carrying case (black) for the MH6 and accessories
- Inbuild plug for headset and/or special charger
- Headset
- Special charger for the in-built accumulator

## Technical Description

Clearly arranged controls:



- (1) LEDs for visual metal alarm
- (2) When switching ON the battery level is indicated by the LED bargraph
- (3) Loudspeaker for audio alarm signal
- (4) Potentiometer type sensitivity control
- (5) Function mode selector:
  -  : OFF
  -  : visual + audio alarm
  -  : visual + vibration alarm

## Technical Data

### Power Supply:

standard dry battery 9 V IEC 6 F 22, 550 mAh or Nickel-Metal Hybrid accumulator 9 V IEC 6 F 22, 160 mAh

Battery Life with Alkaline Type Batteries:

with 10 % audio alarm/visual alarm: max. 80 hours\*

with 10 % vibration alarm/visual alarm: max. 20 hours\*

\*] Data are depending on type, age and charge of the battery respectively accumulator.

### Power Consumption:

without metal alarm: approx. 5 mA

with audio alarm/visual alarm: approx. 15 mA

with vibration alarm/visual alarm: approx. 70 mA

Total length: 420 mm

Diameter of handle: 38 mm

Dimensions of search head: 120 x 150 mm

Dimensions of carrying case: 430 x 310 x 90 mm

Weight of carrying case (without contents): 1.3 kg

Weight of MH6 with 9 V battery: 300 g

Quality standard: DIN EN ISO 9001

Safety standard: according to VDE 0848 part 4, A3

Emitted magnetic field strength:

according to VDE 0848 part 4, A2

EMC: according to EN 61000-6-1:2001 and EN 61000-6-3:2001

Operation temperature: -10°C to +55°C

Storage temperature: -30°C to +70°C

All technical data are subject to change without prior notice.

Issue 04/2009