

Handheld Metal Detector

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# MH6

Compact Handheld Metal Detector  
for Security Checks



*Searching with Excellence*



# MH6 – Handheld Metal Detector

## Compact Handheld Metal Detector for Security Checks

The MH6 handheld metal detector has been developed for checking persons for weapons and other metal objects. It also enables the screening of letters and small packages. This makes it a reliable, essential work tool for security personnel in airports, embassies, correctional facilities, nuclear power plants and other high-security facilities.

The MH6 is also easy to operate and features a high level of detection sensitivity and very convenient handling.

- ✓ High level of detection sensitivity
- ✓ Visual alarm indication using LEDs and audible alarm indication
- ✓ Adjustable detection sensitivity
- ✓ Audio and vibration alarm
- ✓ Ergonomic design and low weight



# MH6 – Data Sheet

## Technical Data

### TECHNICAL DATA

<b>Sensor</b>	Active search coil 12 x 15 cm (4.72 x 5.90 in)
<b>Alarm signal</b>	Visual (LED)/audio/vibration
<b>Watertight</b>	no
<b>Dimensions*</b>	Detector 42 cm (15.53 in) Handle diameter Ø 3.8 cm (Ø 1.50 in) Case 43 x 31 x 9 cm (16.92 x 12.20 x 3.54 in) <i>*Tolerance ± 3 %</i>
<b>Ambient conditions</b>	Quality standard: DIN EN ISO Security standard: In accordance with VDE 0848 Part 4, A3 Field strength: In accordance with VDE 0848 Part 4, A2 EMC: In accordance with EN 61000-6-1:2001 and EN 61000-6-3:2001
<b>Ambient temperature</b>	-10°C – +55°C (+14°F – +131°F)
<b>Storage temperature</b>	-30°C – +70°C (-22°F – +158°F)
<b>Weight*</b>	Detector with standard battery 0.3 kg (0.66 lbs) Detector in case– Including standard scope of delivery 1.6 kg (3.53 lbs) <i>*Tolerance ± 10 %</i>
<b>Disposable/ rechargeable battery</b>	1 x 6F22 9 V alkaline battery pack 1 x 6F22 9 V NiMH rechargeable battery pack, 200 mAh
<b>Disposable/rechargeable battery operating time*</b>	Service life with alkaline battery: At 10% alarm sound/visual indication: max. 80 h At 10% vibration alarm/visual indication: max. 20 h <i>*Ambient temperature of about 20 °C, 6F22: Varta Industrial.</i>

Subject to changes that serve technical progress.

# Scope of Delivery MH6

Basic package | Item No. 2000340300



Handheld Metal Detector MH6



Operation manual MH6  
Item No. 8900340300

# Accessories

## Handheld Metal Detector MH6



**Rechargeable battery NiMH 9/200mAh**  
Item No. 5920001001



**Alkaline battery 9 V block**  
Item No. 5910001004



**Charger**  
Item No. 5900002010



**Carrying Case**  
Item No. 8900330006

# VALLON – A strong Partner

## Experience is irreplaceable

As a family-run business from Eningen in Germany we became a global player within the field of explosive ordnance detection and the assessment of contaminated sites. All our activities focus on providing our customers with the best product for the respective application.

### ✓ GUIDANCE

From the initial contact to the selection of the optimal detector system and to the point of the professional start of operation – VALLON accompanies the complete process and supports you in a competent and professional manner.

### ✓ SOFTWARE

With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

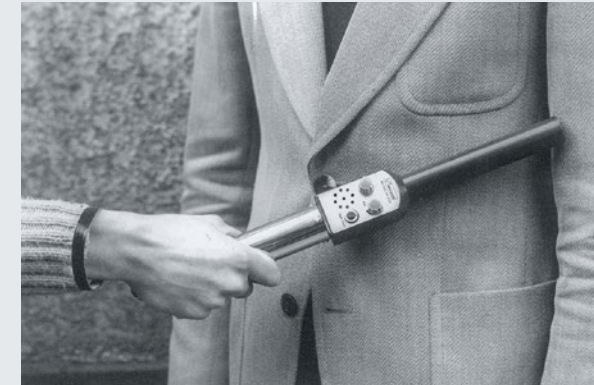
### ✓ DETECTORS

Our product portfolio includes efficient solutions for detecting mines, improvised explosive devices (IEDs) and unexploded ordnance (UXO) – for the use on land, underwater and in boreholes.

### ✓ TRAINING

In order to optimally prepare the user for their daily work VALLON offers custom-tailored training. The training courses can take place upon agreement on site or directly at VALLON in Eningen, Germany.





## THE PATH TO BECOMING A GLOBAL PLAYER

Crime and security were added to agriculture, forest management, and contamination detection as areas of application for VALLON products. As of 1976, special metal detectors met the demand from the state and the police. In 1977, Gerhard Vallon became the managing director of his father's company. He recognized and seized the opportunities inherent in globalization early on, attending international trade shows and establishing the global sales network that would later become a key pillar of the family-run company's continued success.

Learn more under  
[www.vallon.de/en/history](http://www.vallon.de/en/history)



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