

Metal Detector

 [vallon.de](http://vallon.de)

# MW1630B

Metal Detector for  
Underwater Use down to 60 m



*Searching with Excellence*



# MW1630B – Metal Detector Underwater

## Metal Detector for Underwater Use down to 60 m

The metal detector MW1630B is extremely reliable when it comes to detection of metal objects. It proves itself not only for the detection under water but also on land.

Its water pressure-tight design as well as the alignment of all components for the targeted application in fresh water and sea water ensures a high detection reliability with a maximum diving depth of 60 m.

- ✓ Detection in water and on land
- ✓ Depth down to 60 m
- ✓ Resistant to saltwater
- ✓ High sensitivity
- ✓ Easily noticeable alarm indication (audio)



# MW1630B – Data Sheet

## Technical Data and Features

### TECHNICAL DATA

<b>Sensor</b>	Active search coil oval 30.5 x 17 cm (12 x 6.69 in)
<b>Alarm signal</b>	Audio
<b>Watertight</b>	IP68, 60 m
<b>Dimensions*</b>	Case 78.2 x 30 x 14.2 cm (30.78 x 11.81 x 5.59 in) <i>*Tolerance ± 3 %</i>
<b>Ambient temperature</b>	-31°C – +63°C (-24°F – +145°F)
<b>Storage temperature</b>	-51°C – +71°C (-60°F – +160°F)
<b>Weight*</b>	Detector with/without standard battery 3.9 kg (8.59 lbs) / 3.5 kg (7.71 lbs) Detector with standard battery in water 1.1 kg (2.42 lbs) Basic package – Detector in case including standard scope of delivery 11.6 kg (25.57 lbs) <i>*Tolerance ± 10 %</i>
<b>Disposable/ rechargeable battery</b>	3 x Baby LR14 1.5 V alkaline battery – Standard 3 x Baby HR14 1.2 V NiMH rechargeable battery
<b>Disposable/rechargeable battery operating time*</b>	Alkaline batteries: About 15 – 40 h NiMH rechargeable batteries (4,500 mAh): About 15 – 40 h <i>*Ambient temperature of about 20 °C, LR14: Varta Industrial, HR14: NiMH rechargeable batteries.</i>

### FEATURES



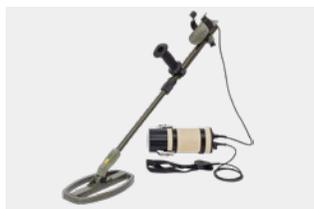
Waterproof up to 60 meters



Automatic soil compensation  
for an effective false alarm reduction  
in mineralized soils

# Scope of Delivery MW1630B

Basic package | Item No. 2000530010



**Metal Detector MW1630B**



**Case MW1630B**  
Item No. 2800530010



**Arm rest MW1630B**  
Item No. 2900500009



**Additional strap for arm rest MW1630B**  
Item No. 8709990010



**Handle MW1630B**  
Item No. 2900920016



**Test piece 35 X 35 X 2 aluminum (non-magnetic)**  
Item No. 8909990384



**Alkaline battery 1.5 V Baby LR14, 3 ea.**  
Item No. 5910001002S3



**Field manual MW1630B**  
Item No. 2900530011



**Operation manual MW1630B**  
Item No. 8900530011

# Accessories

## Metal Detector MW1630B



**Backpack MW1630B**  
Item No. 8900530008



**Pouch for the electronics unit  
MW1630B**  
Item No. 8900530030



**Extension tube for carrying bar  
MW1630B**  
Item No. 2900530005



**Alkaline battery 1.5 V Baby LR14**  
Item No. 5910001002

# 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

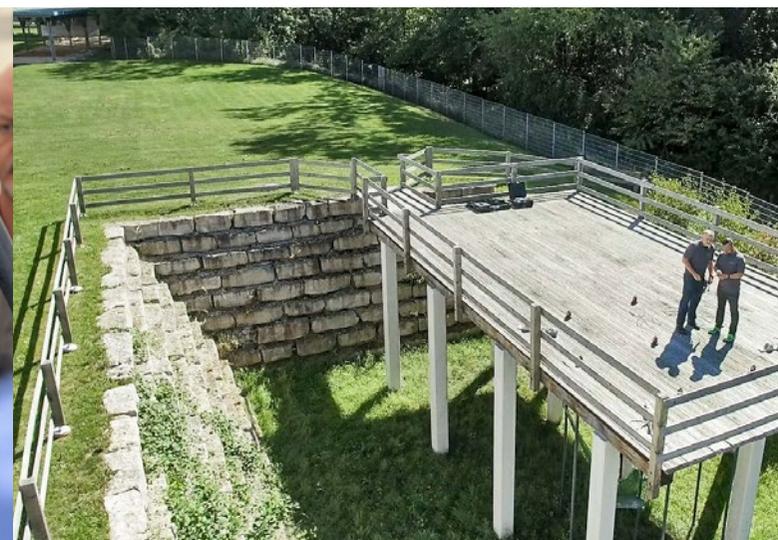
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

### ✓ 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

With pulse induction technology, VALLON entered a new age for VALLON metal detectors in 1990. These innovative devices transmit magnetic pulses into the soil, providing information on various metals and the size of metallic objects. This helped VALLON acquire the German Bundeswehr as a customer. International renown and further growth were the result.

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



**Vallon GmbH**  
Arbachtalstraße 10  
72800 Eningen, Germany  
Phone +49 7121 9855-0  
[info@vallon.de](mailto:info@vallon.de)  
[www.vallon.de](http://www.vallon.de)