

Metal Detector

 vallon.de

VMW1

Metal Detector for
Underwater Use down to 30 m



Searching with Excellence



VMW1 – Metal Detector

Metal Detector for Underwater Use down to 30 m

The VMW1 is a foldable metal detector for use in water and on land. All components are designed to work together underwater, guaranteeing detection reliability for search tasks down to depths of 30 m.

The extremely compact size and low weight of the VMW1 simplify transport substantially. It folds out completely and is ready for use in just a few steps.

Its intuitive operating elements also ensure excellent ease of use. This makes it a reliable tool for mine detection.

- ✓ Detection in water and on land
- ✓ Depth down to 30 m
- ✓ Extremely compact design and low weight
- ✓ High sensitivity
- ✓ Highly efficient soil compensation
- ✓ Easily noticeable alarm indication (audio/visual)



VMW1 – Data Sheet

Technical Data and Features

TECHNICAL DATA

Sensor	Active search coil 32.9 x 13.9 cm (12.95 x 5.47 in)
Alarm signal	Visual (LED) / Audio
Watertight	IP68, 30 m
Dimensions*	Folded detector 39.8 x 15 x 7 cm (15.66 x 5.9 x 2.75 in) Case 41 x 32 x 17 cm (16.14 x 12.59 x 6.69 in) <i>*Tolerance ± 3 %</i>
Ambient conditions	In accordance with MIL-STD-810F (F501.4-I, II, F502.4-I, II, F503.4-I, F506.4-III, F512.4-II, F516.5-IV)
Ambient temperature	-31°C – +63°C (-24°F – +145°F)
Storage temperature	-51°C – +71°C (-60°F – +160°F)
Weight*	Detector with/without standard battery 2.7 kg (5.95 lbs) / 2.5 kg (5.51 lbs) Detector with standard battery in water 0.9 kg (1.98 lbs) Basic package – Detector in case including standard scope of delivery 5.4 kg (11.90 lbs) <i>*Tolerance ± 10 %</i>
Disposable/ rechargeable battery	3 x Baby LR14 1.5 V alkaline battery – Standard 3 x Baby HR14 1.2 V NiMH rechargeable battery
Disposable/rechargeable battery operating time*	Alkaline batteries: About 9 h NiMH rechargeable batteries (6,000 mAh): About 10 h <i>*Ambient temperature of about 20 °C, LR14: Varta Industrial, HR14: NiMH rechargeable batteries.</i>

FEATURES



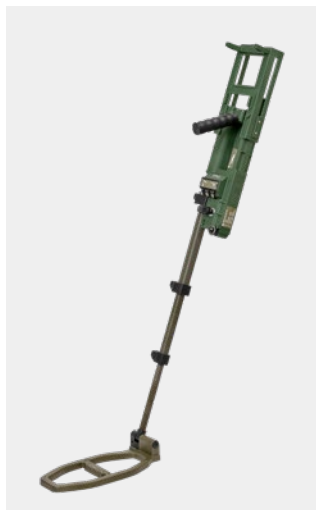
Automatic soil compensation
for an effective false alarm reduction
in mineralized soils



Waterproof up to 30 meters

Scope of delivery VMW1

Basic package | Item No. 2002520010



Metal Detector VMW1



Case VMW1
Item No. 2802520001



Test piece with adjustment plate
for brake screw
Item No. 2902310044



Headset VMW1
Item No. 2902520016



Dummy connector VMW1
Item No. 8902520051



Arm strap VMW1
Item No. 2902520024



Carrying strap VMW1
Item No. 8709990003



Alkaline battery 1.5 V baby LR14,
3 ea.
Item No. 5910001002



Operation manual VMW1
Item No. 2902520021



Field manual VMW1
Item No. 2902520022

Accessories

Metal Detector VMW1



Carrying bag VMC1/VMW1
Item No. 8902310030



External battery charger
100-240V/50-60Hz, 12V
Item No. 2909990847



Loudspeaker land VMW1
Item No. 2902520025



Alkaline battery 1.5 V baby LR14
Item No. 5910001002



Rechargeable battery NiMH 1,2 V
baby HR14/6.000 mAh
Item No. 5920001018



Rechargeable battery NiMH 1,2 V
baby HR14/6.000 mAh, 3 ea.
Item No. 5920001018S3

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

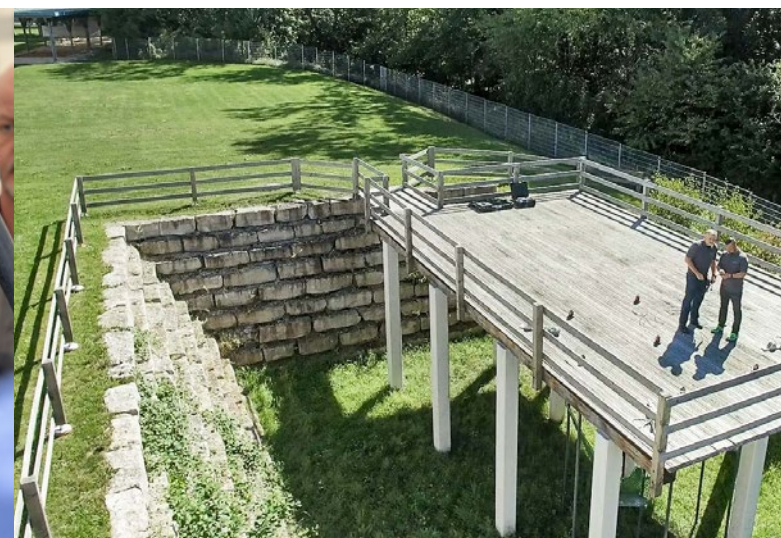
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

✓ 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.

Learn more under
www.vallon.de/en/history



Vallon GmbH
Arbachtalstraße 10
72800 Eningen, Germany
Phone +49 7121 9855-0
info@vallon.de
www.vallon.de