

Magnetometer

 vallon.de

VXC1

Compact Magnetometer for
Simple Search Tasks without Data Acquisition



Searching with Excellence



VXC1 – Compact Magnetometer

Compact Magnetometer for Simple Search Tasks without Data Acquisition

The magnetometer VXC1 has been developed specifically for simple search tasks without data acquisition.

The compact dimensions and very short pole showcase the strengths of the VXC1, especially for use in thick vegetation or when locating a specific object position during excavation work.

- ✓ Compact dimensions
- ✓ Ideal for work in heavily overgrown terrain
- ✓ Polarity dependent alarm indication by LED and audio signal
- ✓ Fast start-up



VXC1 – Data Sheet

Technical Data

TECHNICAL DATA

Sensor	Probe Sensor distance: 30 cm (11.81 ")
Alarm signal	Visual (LED) / Audio
Watertight	IP68, 4 m (30 min bei 20 °C)
Dimensions*	Backpack – Standard 53 x 29 x 12 cm (21.65 x 11.41 x 4.72 ") Case 56 x 35 x 23 cm (22.04 x 13.78 x 9.05 ") <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)
Weight*	Detector with / without standard battery 2.42 kg (5.34 lbs) / 2.26 kg (4.98 lbs) Basic package – Detector in backpack including standard scope of delivery 3.50 kg (7.72 lbs) Basic package in case 8.50 kg (18.74 lbs) <i>*Toleranz ± 10 %</i>
Disposable/ rechargeable battery	2 x Mono LR20 1.5 V alkaline battery – Standard 2 x Mono HR20 1.2 V NiMH rechargeable battery
Disposable/rechargeable battery operating time*	Alkaline batteries: About 120 h NiMH rechargeable batteries (10,000 mAh): About 120 h <i>*Ambient temperature of about 20 °C, LR20: Varta Industrial, HR20: NiMH rechargeable batteries.</i>

Scope of Delivery VXC1

Basic package | Item No. 2002460110



Magnetometer VXC1



Backpack VXC1
Item No. 8902460102



Alkaline battery 1.5 V Mono LR20,
2 ea.
Item No. 5910001006S2



Operation manual VXC1
Item No. 2902460020



Backpack packing sketch VXC1
Item No. 2902460023

Accessories

Magnetometer VXC1



Case VXC1
Item No. 2802460001



Headset VMC1/VMH3CS/VMXC1-1
Item No. 2909990571



External battery charger
100-240V/50-60Hz, 12V
Item No. 5900001010



Alkaline battery 1.5 V Mono LR20
Item No. 5910001006



Rechargeable battery NiMH 1,2 V
Mono HR20/10.000 mAh
Item No. 5920001006



Rechargeable battery NiMH 1,2 V
Mono HR20/10.000 mAh, 2 ea
Item No. 5920001006S2

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

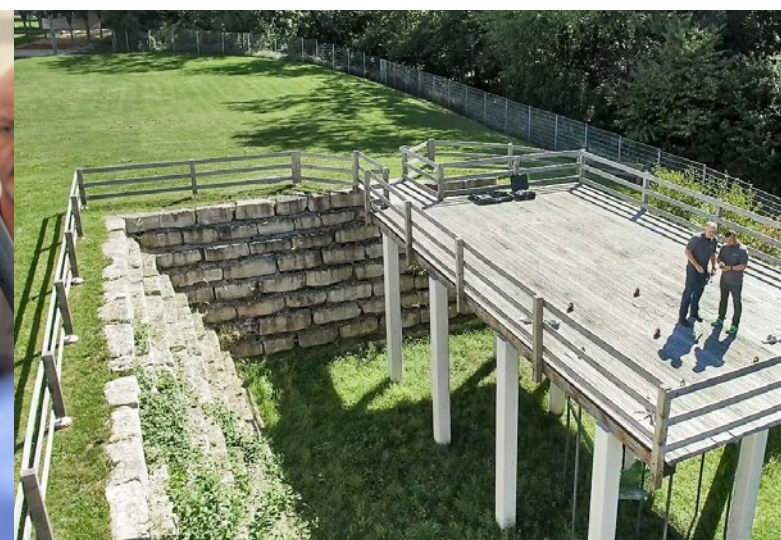
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

✓ 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

The history of VALLON is also the history of metal detectors, degaussing coils, generators, and field computers. Over the years, the products became increasingly powerful and new, innovative technologies were added. The company was growing. VALLON leased more buildings and expanded its production capacity. Since 1982, the company has done business as Vallon GmbH, the corporate form it has today.

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



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