

Magnetometer

 vallon.de

VXT1

Magnetometer for Very Deep Detection



Searching with Excellence



VXT1 – Magnetometer

Magnetometer for Very Deep Detection

The VXT1 magnetometer easily meets necessary requirements for searching for objects at substantial depths. This outstanding detection feature can be attributed to the exceptionally large 170 cm sensor distance in particular.

In conjunction with VALLON field computers, the digital interfaces on the VXT1 make it ideal for easy data acquisition, including with optionally available GNSS.

- ✓ Large sensor distance of 170 cm
- ✓ No sensor adjustment required
- ✓ Carrying bar with height-adjustable probe
- ✓ Polarity dependent alarm indication by LED and audio signal
- ✓ Detachable VX1 control unit



VXT1 – Data Sheet

Technical Data and Features

TECHNICAL DATA

Sensor	Probe VSL sensor distance: 170 cm (66.93 in) Sensor tube diameter: Ø 3.5 cm (Ø 1.38 in) Measuring range: ± 20,000 nT
Alarm signal	Visual (LED) / Audio
Watertight	VX1-CU: IP68, 4 m (30 min at 20 °C)
Dimensions*	Case – Standard 202.5 x 22 x 33.5 cm (79.72 x 8.66 x 13.19 in) Bag for probe carrier – Standard 79.5 x 70 x 30 cm (31.3 x 27.56 x 11.81 in) <i>*Tolerance ± 3 %</i>
Ambient temperature	-31°C – +63°C (-24°F – +145°F)
Storage temperature	-33°C – +71°C (-27°F – +160°F)
Weight*	Detector with standard battery 13.0 kg (28.67 lbs) Basic package – Detector with case and bag, including standard scope of delivery 31.0 kg (68.34 lbs) <i>*Tolerance ± 10 %</i>
Disposable/ rechargeable battery	Rechargeable battery pack – Standard
Disposable/rechargeable battery operating time*	Rechargeable battery pack: About 90 h <i>*Ambient temperature of 20 °C</i>

FEATURES



Bluetooth® interface for wireless data transfer

Scope of Delivery VXT1

Basic package | Item No. 2004140000



Case VXT1
Item No. 2804140000



Digital probe VSL
Item No. 2909990675



Connection cable probe VXT1
Item No. 2504140000



Mounting clip for probe VXT1
Item No. 2902240006



Control unit VX1
Item No. 2903170040



Docking Station VXT1
Item No. 2904140010



Probe carrier VXT1
Item No. 2904140001



Transport bag for probe carrier VXT1
Item No. 2802240001



Carrying bar front VXT1
Item No. 2102230006



Handle VXT1
Item No. 2902230029



Headset VX1/VXT1
Item No. 2903170320



Set power supply
Item No. 2902200218



Operation manual VXT1
Item No. 2904140000

Accessories

Magnetometer VXT1



Velcro fastening tape VXT1 6 x 15 cm
Item No. 29E4140000

Data Acquisition
and Evaluation



EVA4mobile®
Integrated License



EVA4mobile® - Integrated license
in combination with field computer
VFC4.1
Item No. 2405350010



VFC4.1 - Small Field Computer
for EVA4mobile®
Item No. 2005350001

EVA4mobile®
Bluetooth® Beacon



EVA4mobile® - Bluetooth® Beacon
for temporary license activation
Item No. 2009080000

EVA4ALL®



EVA4ALL® - Evaluation Software
for Surface and Borehole Survey
Item No. 2009090000



Hand switch start/stop VX1
Item No. 2503170160

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.

✓ DETECTORS

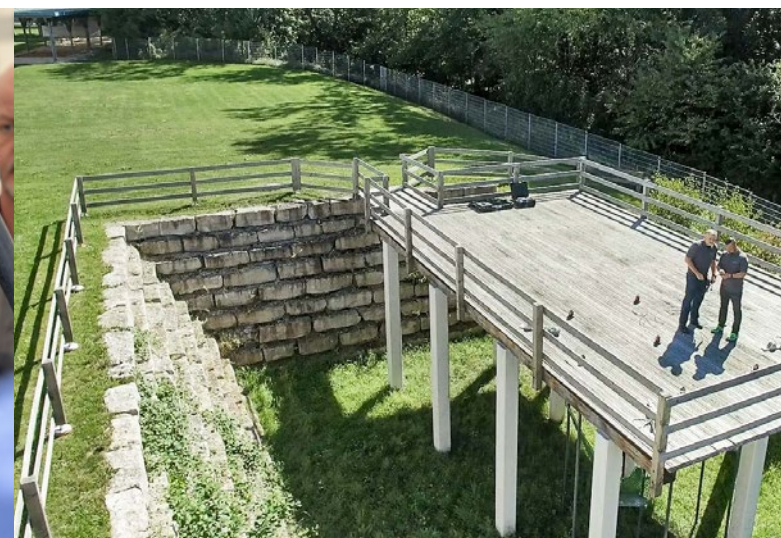
Our product portfolio includes efficient solutions for detecting mines, improvised explosive devices (IEDs) and unexploded ordnance (UXO) – for the use on land, underwater and in boreholes.

✓ 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.

✓ 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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