

Magnetometer

 [vallon.de](http://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

<b>Sensor</b>	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
<b>Alarm signal</b>	Visual (LED) / Audio
<b>Watertight</b>	VX1-CU: IP68, 4 m (30 min at 20 °C)
<b>Dimensions*</b>	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>
<b>Weight*</b>	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>
<b>Disposable/ rechargeable battery</b>	Rechargeable battery pack – Standard
<b>Disposable/rechargeable battery operating time*</b>	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  
Item No. 2405350010



VFC4 - Small Field Computer  
for EVA4mobile®  
Item No. 2005350000

**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 VXT1  
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.

## ✓ SOFTWARE

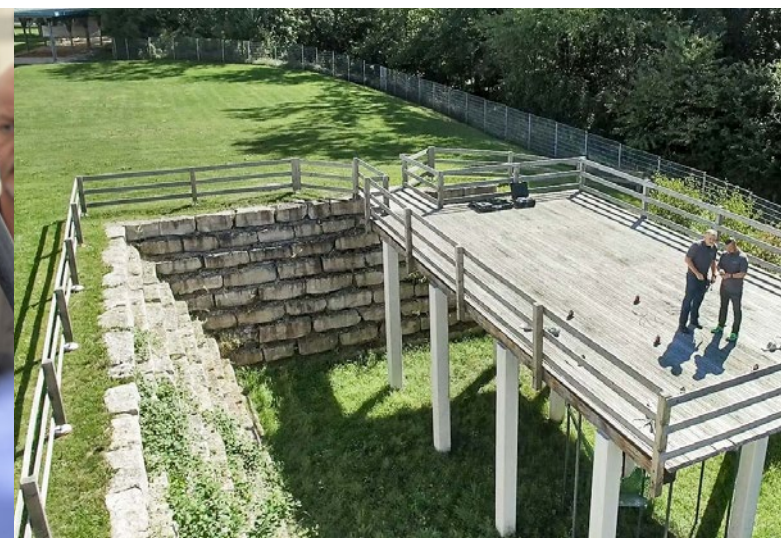
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

## ✓ 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](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)