

VXT1 Ferrous Locator

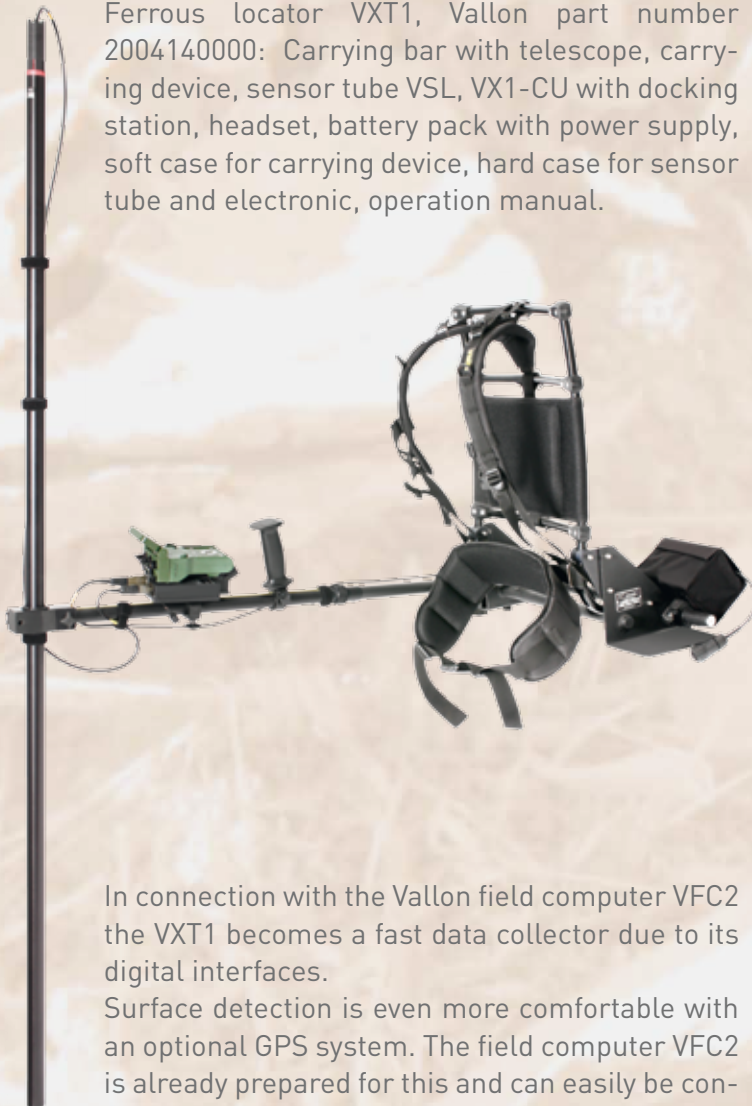
All-digital magnetometer for the location of large UXOs at very large depths

- Land and water search
- Detachable control unit
- Alignment-free digital probe technology
- Probe mechanically adjustable in height, adjustable carrying bar
- Ferrous alarm via:
 - Visual (LED)
 - Audio signal
- Standard Sensor Distance: 170 cm
- Data output: Bluetooth® RS232 and USB for computer-aided data survey
- Power supply: rechargeable battery pack



Scope of supply

Ferrous locator VXT1, Vallon part number 2004140000: Carrying bar with telescope, carrying device, sensor tube VSL, VX1-CU with docking station, headset, battery pack with power supply, soft case for carrying device, hard case for sensor tube and electronic, operation manual.



In connection with the Vallon field computer VFC2 the VXT1 becomes a fast data collector due to its digital interfaces.

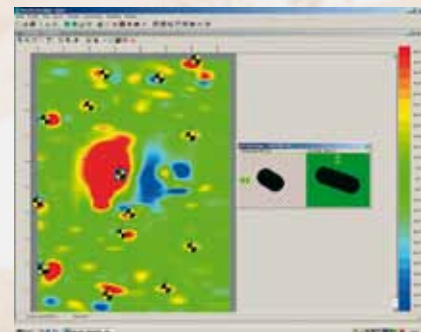
Surface detection is even more comfortable with an optional GPS system. The field computer VFC2 is already prepared for this and can easily be connected with the GPS via Bluetooth®.

The VXT1 is an extremely rugged differential magnetometer, designed as adjustment-free tension-band probe for the detection of ferrous objects.

The VXT1 combines very high detection sensitivity with ease of operation. Tested according MIL-specs it is suitable for use under all environmental conditions. Due to the large sensor distance the VXT1 is the proper sensor for detection of large UXO in very large depths.



Electronics VX1-CU with docking station



Data evaluation with Vallon EVA2000 (option)

Technical Data

General:

Measuring range:	9 (2 - 20,000 nT)
Power supply:	rechargeable battery pack with charger
Distance of sensors:	1700 mm
Diameter of probe tube:	35 mm
Battery life:	aprox. 90 h with battery pack (without Bluetooth®) aprox. 70 h with battery pack (with Bluetooth®)
Operation temperature:	-31°C to + 63°C

Signal outputs: digital output of RS232 or USB for online data acquisition with Vallon data loggers via cable or Bluetooth® technology

Signal input: Sepos® positioning system (option)

Dimensions:

Hard case: 203 x 22 x 34 cm
Soft case: 77 x 70 x 30 cm

Weights:

Detector operational: approx. 13 kg (including carrying device, probe, battery and electronics)

Transport weight: hard case approx. 25.5 kg
soft case approx. 5.5 kg

Protected by design patent US D726,128 S