

### 2. Memobox MB4

Storing the survey data of 26 km track length. Connection of SEPOS® or GPS-Navigation possible. Data survey



can also be made without navigation system, however, not as accurate.

### 3. Vallon Field Computer VFC1

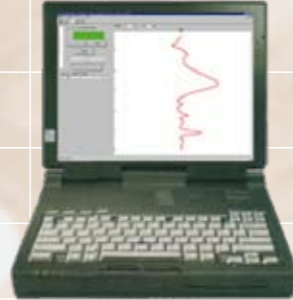
Realtime display of measuring graphs, storage and calculation of objects directly at site.

Multisensor operation possible with 1 or 4 channels plus SEPOS® or GPS-Navigation. Alpha-numerical operator's menu. Storage capacity 8 ha (extendable).



### 4. Standard PC (Laptop)

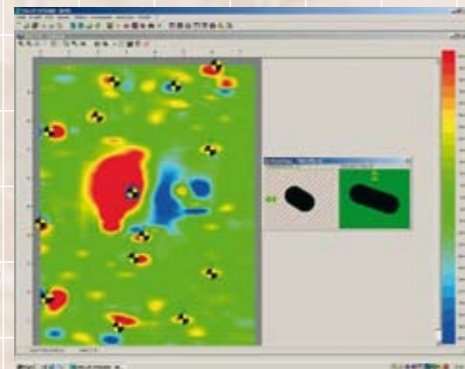
Software VALLON EVA2000® installed for realtime display of the measuring graph, storage and evaluation directly at site. Connection of SEPOS® or GPS Navigation possible.



Data survey can also be made without navigation system, however, not as accurate.

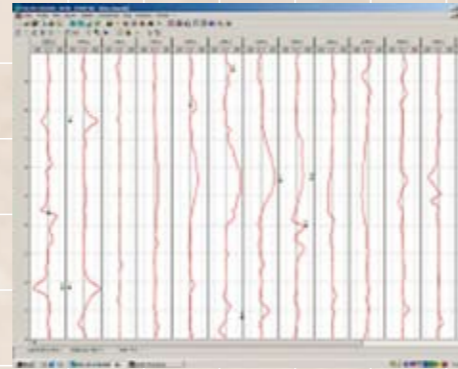
### VALLON EVA2000®

The evaluation software VALLON EVA2000® allows the processing of the survey data. The magnetic in-



terferences are displayed as colour field map. Topographic maps can be inserted

true-to-scale (bmp, jpg, dxf etc.). With DGPS the local coordinates in meters and the GPS-coordinates are used.



All common systems of coordinates can be displayed. All maps can be exported (dxf).

The algorithm calculates

No.	Coord	Time	Phi	Theta	Magnetic	Equal	LD	Auto	Custom	Erreicherung
m	ss	ss	ss	ss	ss	ss	ss	ss	ss	ss
1	0.25	7.81	0.11	187	257	281	1413	13.4	X	0.39
2	0.00	4.40	0.07	271	55	150	525	10.1	X	2.32
3	0.30	7.83	0.04	17	272	226	515	11.6	X	2.54
4	0.10	1.20	0.10	79	256	281	2254	29.1	X	0.81
5	2.00	8.14	0.10	7	0	134	283	12.3	X	0.37
6	2.77	3.77	0.36	26	340	136	205	26.1	X	5.03
7	3.27	5.53	1.65	40	75	259	23436	27.0	X	10.24
8	2.80	8.30	0.26	123	160	160	1567	14.6	X	1.34
9	6.18	9.25	0.13	83	1020	123	343	39.7	X	4.82
10	5.70	8.80	1.50	270	254	121	138689	36.0	X	14.80
11	3.63	3.67	0.00	32	210	198	608	40.1	X	0.95

all objects in a field at the touch of a button. Object position and object depth are indicated on the object list. Filter functions facilitate the evaluation.

Many import functions allow to process strange data formats as well.

# Ferrous Locator EL 1302D2

## Compact Difference Magnetometer for the location of unexploded ordnances in the ground

- Robust design
- High detection sensitivity
- Quick setting-up
- Ease of operation
- Lightweight
- Data output
- No sensor adjustment required



### Technical Data

Measuring range:	x1 = ± 2-2000 nT, x10 = ± 20-20000 nT	Signal outputs:	1. Analog data output 0 to ± 6.1 V for Field Computer VFC1
Compensation range:	± 500 nT		2. Digital output RS 232 for online data acquisition with Vallon data-loggers via cable or Bluetooth
Power supply:	6 x 1.5 V round cells IECR14 Alkaline or 6 x 1.2 V Ni-MH-Batteries RSH 1.8		3. Headset
Distance of sensors:	500 mm	Inputs:	1. External battery power supply 9 Volts
Diameter of sensor tube:	32 mm		2. SEPOS® navigation system
Sensitivity steps:	7	Weight of detector:	approx. 4 kg (with batteries)
Max. sensitivity:	Ferromagnetic parts (steel) are detected according to their size and magnetic condition	Shipping weight with case:	approx. 12 kg
Battery life:	approx. 50 h with Alkaline batteries without data logger	Dimensions - case:	785 x 285 x 140 mm
Compliance to environmental conditions:	according to MIL STD-810E 501.3, 502.3, 503.3, 506.3, 514.4		
Operation temp.:	-40° C to +60° C		

All technical data are subject to change without prior notice.

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