

# VMC4 Metal Detector

The Next Generation - Experience Meets **High Tech**

- ✓ Top-Level sensitivity
- ✓ Detection of low-conductive materials as for example carbon rods
- ✓ Wire detection
- ✓ Green LED's for best visibility at daylight
- ✓ Infrared LEDs for use with night-vision devices
- ✓ Highly effective soil compensation
- ✓ Audio, visual and vibration feedback
- ✓ Bluetooth® and WiFi interface
- ✓ Integrated web-server
- ✓ Communication with mobile devices through standard browsers
- ✓ Integrated GPS automatic and manual triggering of waypoints



Searching with Excellence

The Vallon metal detector VMC4 is designed to meet the very specific needs of special forces.

All the features a Vallon user expects from his detector are included. Ruggedness is paired with simple operation and extremely high sensitivity. On all soils. Under all conditions.

New technologies in combination with highest degree of minaturization allowed for new features like Bluetooth®, WiFi, integrated web-server and GPS as the other Vallon 4<sup>th</sup> Generation Metal Detectors.

And since the quality of threats in military scenarios changed, the VMC4 detects not only metals but also carbon rods frequently being used to trigger IEDs.

The optional hard case offers safe and convenient transport of the complete set including pouch and accessories.



## Technical Data

### General:

Power supply: (alternative)	8 ea. 1.5 V battery LR6 (AA) 8 ea. 1.2 V rech. battery HR6 (AA) 2 ea. 1.2 V rech. battery HR20 (D)
Battery life: programme	approx. 8 hours depending on battery type and soil
Sweeping speed:	0.2 - 1.5 m/s — standard 0 - 0.2 m/s — pinpointing
Operation temperature:	-31° C to +63° C
Storage temperature:	-51° C to +71° C
Environmental	according to MIL-STD 810G (501.5 I+II, 502.5 I+II, 502.4-II, 503.5 I, 514.6 I, 516.6 IV)
Metal alarm:	acoustic via loudspeaker or headset visual via LED-bargraph vibration alarm
Power line suppression:	automatic
Waterproof:	up to 5 meters
IP Code:	IP68

### Dimensions:

Search coil:	273 x 120 x 25 mm
Operational length of telescopic carrying bar with search coil:	min. 535 mm ±5 mm max. 1130 mm ±5 mm
Transport pouch:	approx. 285 x 122 x 65 mm

### Weights:

Detector with batteries:	approx. 1.25 kg
Transport weight in transport pouch: incl. operation manual, field manual and batteries AA size	approx. 1.45 kg
Transport weight in transport pouch: incl. operation manual, field manual and batteries D size	approx. 1.49 kg

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