

Compact locating devices for pipes, cables, camera inspection systems and sondes



VM Series from Vivax-Metrotech

- Simple operation and user interface
- Greatest variety for all fields of application
- Compact and light construction
- Very reasonable price



VM-540

Sonde and camera head location

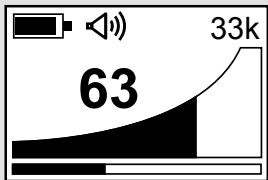
The first device from a newly developed generation of sondes location equipment.

The receiver has been specifically designed for uncomplicated everyday use and can work with all standard sondes and inspection camera systems.

The integrated, passive location option (50 Hz / 60 Hz current) makes it possible to locate cables and pipes in order to avoid damage during underground construction.

Special features:

- 5 active frequencies for sonde location
- 2 passive frequencies for cable and pipe location
- Depth measurement at the push of a button



Technical data

Depth range	Up to approx. 8 m, depending on the type of sonde used
Frequencies	Passive: 50 Hz / 60 Hz Active: 512 Hz / 640 Hz / 8.19 kHz / 9.82 kHz / 33 kHz
Power supply	2 x standard AA alkaline batteries
Operating time	approx. 20 hours at 21 °C
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	910 mm x 70 mm x 80 mm
Weight (without batteries)	950 g

Scope of delivery

- VM-540 one-hand receiver
- Soft case
- Battery holder
- Operating instructions
- 2 x AA batteries

Order number

128310043



Various sondes

VM-550

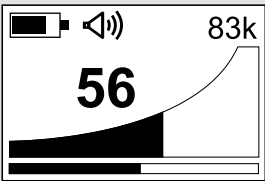
Cable and pipe locating system

The compact design and the extremely light weight make the system extraordinarily powerful and incredibly flexible.

The ease of operation means there is no need for training and the device can be used straight away.

Special features:

- 2 active frequencies for cable and pipe location
- 2 passive frequencies
- One touch depth estimation
- 1 Watt transmitter (induction, clamp and direct connection modes)



Technical data

VM-550 Rx (receiver)	
Depth range	Up to approx. 8 m, depending on the signal strength
Frequencies	Passive: 50 Hz / 60 Hz Active: 8.19 kHz / 83.1 kHz
Power supply	2 x standard AA alkaline batteries
Operating time	approx. 20 hours at 21 °C
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	880 mm x 70 mm x 80 mm
Weight (without batteries)	650 g

VM-550 Tx (transmitter)	
Power (2 levels)	0.1 W / 1 W
Frequency	8.19 kHz / 83.1 kHz
Power supply	4 x mono cell alkaline battery (LR20)
Operating time	approx. 28 h (at 1 W output power)
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	430 mm x 79 mm x 44 mm
Weight (without batteries)	820 g

Scope of delivery

- VM-550 one-hand receiver
- VM-550 1-Watt transmitter
- Connection cable
- Earth spike
- Soft case
- Operating instructions
- 2 x AA batteries

Special accessories

- 50 / 100 / 125 mm transmitter clamps
- separation filter

Order number

128309347

VM-810

“One-frequency” location system for cables, pipes and probes.

The system is distinguished by its user-friendliness, its large display and large buttons as well as its extensive accessories. A unique ergonomic design enables the convenient and fatigue-free location of cables, pipes and probes, even over long distances.

With its precision-tailored, high location frequency of 83 kHz, the VM-810 enables precise location and identification of the burial depth of metallic water and gas pipes, even beyond several joints and connection points. Probes with a frequency of 83 kHz can also be precisely located.

Special features:

- High location precision at up to 10 meters depth measurement
- Optimum inductive and direct pipe signal injection
- Signal “jumps over” insulating pipe sleeves
- Direct left and right guidance, using direction arrows



Scope of delivery

- VM-810 one-handed receiver
- VM-810 1-Watt transmitter
- Connection cable with large connection clamps
- Earth spike
- Transport case
- Operating instructions
- 8 x mono cell alkaline battery (LR20)

Special accessories

- 50 / 100 / 125 mm transmitter clamps
- separation filter

Technical data

VM-810 Rx (receiver)	
Depth range	Up to approx. 10 m, depending on the signal strength
Depth measurement tolerance	± 5% (up to 3 m deep)
Power supply	2 x mono cell alkaline battery (LR20)
Operating time	approx. 65 hours at 21 °C
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	790 mm x 210 mm x 280 mm
Weight (without batteries)	1.4 kg
VM-810 Tx (transmitter)	
Power (2 levels)	0.1 W / 1 W
Power supply	6 x d-cell alkaline batteries
Operating time	approx. 60 h (at 1 W output power)
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	370 mm x 115 mm x 85 mm
Weight (without batteries)	1.9 kg

Order number

128308739

VM-585



Ferromagnetic object location AND cable and pipe location in one device

The system combines the previously separate fields of cable and pipe location using ferromagnetic object location. A unique combined solution for all budgets which is suitable for all fields of application.

Pipes and cables can be directly or indirectly (inductively) coupled with 3 active frequencies. What is more, using the receiver, ferromagnetic object location can also be carried out alongside site probing using 50 Hz passive reception.

Special features:

- 3 active frequencies for cable and pipe location
- 1 passive frequency
- Ferromagnetic object location
- Automatic sensitivity control



Order number

1004695

Technical data

VM-585 Rx (receiver)	
Depth range	Up to approx. 8 m, depending on the signal strength
Frequencies	50 Hz / 640 Hz / 8.19 kHz / 83.1 kHz
Power supply	2 x standard AA alkaline batteries
Operating time	approx. 20 hours at 21 °C
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	880 mm x 80 mm x 70 mm
Weight	0.65 kg
VM-585 Tx (transmitter)	
Power (2 levels)	0.1 W / 1 W
Frequencies	Inductive: 83.1 kHz Cable connection: 640 Hz / 8.19 kHz / 83.1 kHz
Power supply/ Operating time	4x d-cell alkaline batteries approx. 28 h (at 1 W output power)
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	430 mm x 79 mm x 44 mm
Weight	0.82 kg



A member of Megger Group

SebaKMT is the exclusive distribution partner of the Vivax-Metrotech Group in Europe.



Vivax-Metrotech is among the world's leading location technology firms.

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With compliments:

	Receiver frequencies	Transmitter (power / frequencies)	Frequencies Sonde location	Depth measurement	Metal & magnetic detection	Visual & audio signal response
VM-540	50 Hz / 60 Hz	⊘	512 Hz / 640 Hz / 8.19 kHz / 9.82 kHz / 33 kHz	approx. 8 m (depending on probe type)	⊘	✓
VM-550	50 Hz / 60 Hz / 8.19 kHz / 83.1 kHz	min. 0.1 W / max. 1 W inductive: 83.1 kHz Cable connection: 8.19 kHz / 83.1 kHz	⊘	approx. 8 m (at 8.19 kHz)	⊘	✓
VM-585	50 Hz / 64 Hz / 8.19 kHz / 83.1 kHz	min. 0.1 W / max. 1 W inductive: 83.1 kHz Cable connection: 640 Hz / 8.19 kHz / 83.1 kHz	⊘	approx. 8 m (at 640 Hz & 8.19 kHz)	✓	✓
VM-810	83.1 kHz	min. 0.1 W / max. 1 W 83.1 kHz	83.1 kHz	approx. 10 m	⊘	✓
VM-880	⊘	⊘	⊘	⊘	✓	✓

VM-880

Interference-free ferromagnetic object location

Hidden valves, valve rods, shaft lids and other iron and steel objects can be located no problem using this light one-hand receiver. The built-in filters automatically mask non-magnetic objects such as drinks cans (aluminium), bottle tops etc.

Special features:

- Highly sensitive
- Visual and audio signal response
- Reliable measurement results
- Warning signal when approaching live cables
- 700 g, water-tight and robust carbon housing



Typical find	Max. depth (approx. details)
Measurement pins/markers	25 cm
Valve rods	1 m
Valve cap	1.20 m
Shaft lid	2 m
Boundary marker (magnet)	1 m

Technical data

Power supply	2 x standard AA alkaline batteries
Operating time	approx. 26 hours at 21 °C
Working temperature	-20 °C to +50 °C
Protection class	IP 54
Dimensions (L x W x H)	1,090 mm x 70 mm x 80 mm
Weight (without batteries)	700 g
Display	LCD display with backlighting
Controls	Key input (On / Off / Volume, Sensitivity "+" and "-", Automatic Sensitivity Regulation)
Configuration	Impact-resistant, water-tight (antenna rod) housing
External connections	1 x mini-USB (only for service updates)

Scope of delivery

- VM-880 one-hand receiver
- Soft case
- Battery holder
- Operating instructions
- 2 x AA batteries

Order number

118304921