

VM-585 Utility Locator & Ferrous Metal Detector

The **VM-585 Combination Utility Locator and Ferrous Metal Detector** is ideal for locating short distance runs such as drops and to detect buried ferrous metal objects such as buried valve box covers and buried tanks.

With a 50/60Hz passive power locating frequency and three active frequencies of 512/640Hz,

8.19kHz, and 83.1kHz, the VM-585 will meet the requirements of those wishing to detect the presence of active power cables and to trace short distances. The one-watt VM-585 transmitter applies a locate frequency by direct connection or induction. Optional Induction Clamps can be used to clamp around a line and induce the locate signal onto it.

Metal Detector – The advanced filtering of the VM-585 rejects materials such as bottle caps and aluminum cans and zeros in on finding only ferrous materials. The manual gain control allows it to be controlled and able to work close to large metal objects such as automobiles and chain link fences while still looking for the targets underground. The VM-585 will locate through asphalt, concrete, or grass and in temporary conditions such as snow.

Rugged and lightweight ABS plastic and carbon fiber construction

High contrast quick responsive display

Simple four button control keypad

Pushbutton depth estimation

Metal Detector with advanced filtering

VM-585 Rx

VM-585FF Tx

One induction and three direct connect frequencies

Frequency Range


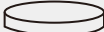




50/60Hz*, 512/640Hz*, 8.19kHz, 83.1kHz and 8kHz FF

* North American versions use 60Hz power and 512Hz low frequency.
* All other versions use 50Hz power and 640Hz low frequency.

Backed by Vivax-Metrotech's superior dealer network, customer service and service centers.

	Specifications
Weight:	Receiver: 1.37lbs / 0.7kg Transmitter: 1.57lbs. / 0.78kg
Operating frequencies:	Passive: 50/60Hz Active: 512Hz/640Hz, 8.19kHz, and 83.1kHz
Display:	Dot Matrix
Battery life:	Typically, 20 hours of continuous use
Transmitter power:	One-watt on high power, 0.1-watt on low power
Construction:	Receiver: High impact ABS plastic and carbon fiber antenna tube Transmitter: High impact ABS
Warranty:	One year
Standard accessories:	Soft carry bag, direct connection/ground lead, ground stake, alkaline batteries, quick guide and transmitter carry strap.

Metal Detect Mode

Depth	Ferrous or Steel Metals	Depth	Ferrous or Steel Metals
Small PK Nail Up to 6 in (15 cm)		Manhole cover Up to 10ft (3m)	
1½ in (4 cm) Large PK Nail Up to 10in (25 cm)		5in Iron Pipe Up to 10ft (3m)	
Valve Box Up to 10ft (3m)		Large Iron Tank Up to 16ft (4.8m)	

Local Vivax-Metrotech Distributor:

Popular Accessories



2", 4", and 5" Induction Clamps



LPC Separation Filter

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