VIVAX METROTECH

VM-585 Utility Locator & Ferrous Metal Detector

- **Passive Power locate mode**
- **Audio and visual signal strength indicators**
- **Pushbutton depth of cover estimation**
- **Metal Detector with advanced filtering**
- **One induction and three direct connect frequencies**

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.



Peak locate response with accompanying audio tone



Push button depth reading

Batteries
- Powered by Two AA Alkaline batteries
- Over 20-hours of continuous usage

Display
- Crisp Dot matrix display with backlight
- Bar graph with signal strength

Audio
- Waterproof mylar speaker
- Audio locate response

Construction
- Ergonomic design
- High impact ABS plastic
- Carbon-fiber submersible tube
- IP54 and NEMA 4 rating

Operation
- Simple four button operation
- Large buttons usable while wearing gloves



One induction, three direct connect and a fault find 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
Dimensions:	**Receiver:** 43in(L) x 2.6n(W) x 3.0 in(H) 1090mm x 67mm x 76mm **Transmitter:** 16.9in(L) x 3.1in(W) x 1.7in(H) 430mm x 79mm x 44mm
Operating frequencies:	Passive: * 50/60Hz Active: * 512Hz/640Hz, 8.19kHz, and 83.1kHz * North American = 60Hz and 512Hz, all others use 50Hz and 640Hz
Display:	Dot Matrix
Battery life:	**Receiver:** 2 x AA Alkaline batteries - typically 20 hours continuous use at 70°F (21°C) **Transmitter:** 4 x D Cell Alkaline batteries - typically 28-hours at full power and 150-hours on low power
Construction:	**Receiver:** High impact ABS plastic and carbon fiber antenna tube **Transmitter:** High impact ABS
Warranty:	One year

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)	

What's in the box



Popular Accessories



2", 4", and 5" Induction Clamps



Live Plug Connector



Live Cable Connector



VM series Li-ion Rechargeable Transmitter Battery Kit



Telco Clip Direct Connection Lead



Heavy Duty Clip Direct Connection Lead



Ground Extension Spool

Local Vivax-Metrotech Distributor:

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