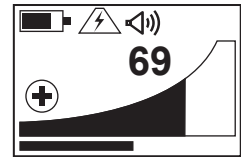


VM-880

Ferrous Metal Detector

The VM-880 is the latest generation of the ever popular 880 ferrous metal locator. Enhancing existing features and adding new, it incorporates the following to enable fast location of buried or hidden assets:

- ▶ Excellent sensitivity
- ▶ Lightweight, just 1.54lbs (0.7kg)
- ▶ Improved ergonomics for comfort during prolonged usage
- ▶ Up to 26 hrs battery life from just 2 x AA (LR6) cells
- ▶ Ultra strong, submersible carbon fiber antenna tube
- ▶ Dot matrix LCD with backlight
- ▶ Audio and visual signal strength indicators
- ▶ Field polarity indicator
- ▶ Continuous battery level indication
- ▶ One touch auto sensitivity control with manual incremental control
- ▶ 50/60Hz proximity warning
- ▶ Unique screen inversion feature to aid pinpointing
- ▶ Soft carry bag supplied as standard



Cast Iron/Steel Pipe

Buried Boundary Marker

Buried Valve Cover

Buried Manhole Cover

Buried Tank

Technical Information

Product and Application

Product VM-880 Ferrous Metal Detector
 Typical Application Locating & pinpointing buried ferrous objects

Construction

Construction	High Impact thermoplastic (ABS) injection molded housing Carbon fiber reinforced antenna tube	
Weight	1.54lbs (0.7kg)	
Dimensions	43in(L) x 2.5in(W) x 2.6in(H) (1090mm x 88mm x 67mm)	
Speaker	Piezo	
Antennas	Dual Magnetometers	
Batteries	2 x AA (LR6) Alkaline batteries (Battery life, typically 26hrs at 70°F (21°C))	
Controls	Pushbutton keypad (on/off/volume, sensitivity "+" and "-", auto sensitivity)	
External Connections	1 x mini USB (operating system programming)	
Compliance	Complies with CE (Directive 99/5/EC)	Complies with FCC Rules Part 15
	EN 61000-6-4:2007	CFR 47 part 2: 2004
	EN 61000-4-3: 2006	CFR 47 Part 15: 2006
	EN 61000-4-2: 1995 A1 & A2	ANSI C63.4: 2003
	EN 61000-4-8: 1994 A1	
	ETSI EN 300 330-2: 2006	
	ETSI EN 301 489-1: 2005	
	ETSI EN 301 489-3: 2002	

Operation

Information Displayed	Signal level (Response), polarity, battery condition, 50/60Hz warning, sensitivity setting	
Controls Operation	On/off/volume	- Short press to turn "on" - Short press to toggle between zero, medium or high volume - Long press to turn off
	Auto Time off	- unit will shut down if no control button is touched for 15mins
	Sensitivity Control	- "+" increase sensitivity - "-" reduces sensitivity
	Auto Sensitivity	- centers the sensitivity response on the display, long press to invert screen

Environmental

Temperature Range	Operating	-4°F to 120°F (-20°C to 50°C)
	Storage	- 40°F to 140°F (-40°C to 60°C)
Weather Proof	IP54 and Nema 4	
Shipping Weight	4.4lbs (2kg)	
Shipping Dimensions	6.7in x 3in x 47in (170mm x 80mm x 1195mm)	

Warranty

Warranty 12 months

Accessories

Soft carry bag included as standard
 User Guide included as standard



Typical Locate Capability

(distance are typical and will vary greatly due to varying site conditions & material variations)

Small PK Nail
to depth of 6" (15cm)



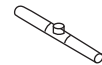
Large PK Nail
to depth of 10" (25cm)



Marker Stake
to depth of 8ft(2.4m)



Valve Box
to depth of 10ft(3m)



Cast Iron Pipe Joint
to depth of 9ft(2.7m)



Manhole Cover
to depth of 10ft(3m)



5inch Iron Pipe
to depth of 10ft(3m)



Large Iron Tank
to depth of 16ft(4.8m)



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