VIVAX METROTECH

VM-810/VM-850

- **Classic Design**
- **Distance Sensitive Left/Right Guidance™**
- **One Button Operation**
- **Compact & Lightweight**
- **"Real Time" Fully Automatic Gain Adjustment**

VM-810/VM-850

The Simplicity of

One Button Locating

Metrotech, one of the original names in Pipe & Cable locating, has been producing the well tried and tested 810/850 for over forty years. The instrument includes a distance sensitive left/right guidance system™ (pioneered by Metrotech) to provide accurate easy locating. The 810/850 are the locators of choice for many Customers around the world. We continue to sell impressive quantities of both.

Over recent years components for these products have been made obsolete, increased in cost, and are increasingly becoming difficult to find. This presented the challenge of designing a new VM-810/VM-850 without losing the features and performance that made it successful. We believe we have met the challenge - the new VM-810/VM-850 combines the classic look with stunning simplicity and performance - if you liked the classic 810/850's you will love the new ones.

VM-810/VM-850 Features:

- One Button Operation
- Distance Sensitive Left/Right Guidance™
- Fast Response
- Improved Clear & Backlit Display
- Full Crisp Digital Sound
- Precise Single Frequency
- Lightweight Rugged Construction
- Water Resistant (IP54)
- Retractable Antenna
- Excellent Battery Life

What's changed ……

- New Housings - more durable and water resistant
- Digital Electronics
- Directional Orientation (Line Direction Indicator) – a new feature to indicate orientation to the buried line
- Fast Response "Simulated Analogue Display" for Speed & Reliability

The **NEW** VM-810/VM-850 is designed specifically as a single frequency *true* left/right locator with separated twin response left/right antennas.

CLASSIC 810

NEW VM-810

What is Differential Left/Right Location?

The antenna system in the locator is different to a normal locator. Instead of placing Antennas on the same center line – one antenna is offset to the right and another to the left.

This together with extremely sensitive electronics enables the locator to find which antenna is receiving the strongest signal and therefore indicate which direction one has to move to be over the buried line. Other locators look for the trend in the increase or decrease of signal strength from inline antennas. Differential Left/Right location provides a much sharper crisp response making the position of the buried line easier to pinpoint.

The VM-810 (high frequency) is used mainly in the following applications:

▶ Gas & Water Distribution Pipes
▶ Municipal Pipe and Power Location
▶ Contract Locating

The VM-850 (low frequency) is used mainly for:

▶ Pipeline Location
▶ Power Cable Location

Sondes

D38-83-AA (for VM-810)
▶ 1.5" (38mm) x 4.1" (105mm) long, 83kHz, range 15ft (5m)
▶ 1 x AA battery

D38-09-AA (for VM-850)
▶ 1.5" (38mm) x 4.1" (105mm) long, 9.82kHz, range 15ft (5m)
▶ 1 x AA battery

D64-83-LR61 (for VM-810)
▶ 2.5" (64mm) x 7.3" (186mm) long, 83kHz, range 24ft (8m)
▶ 1 x LR61 battery

D64-09-LR61 (for VM-850)
▶ 2.5" (64mm) x 7.3" (186mm) long, 9.82kHz, range 24ft (8m)
▶ 1 x LR61 battery

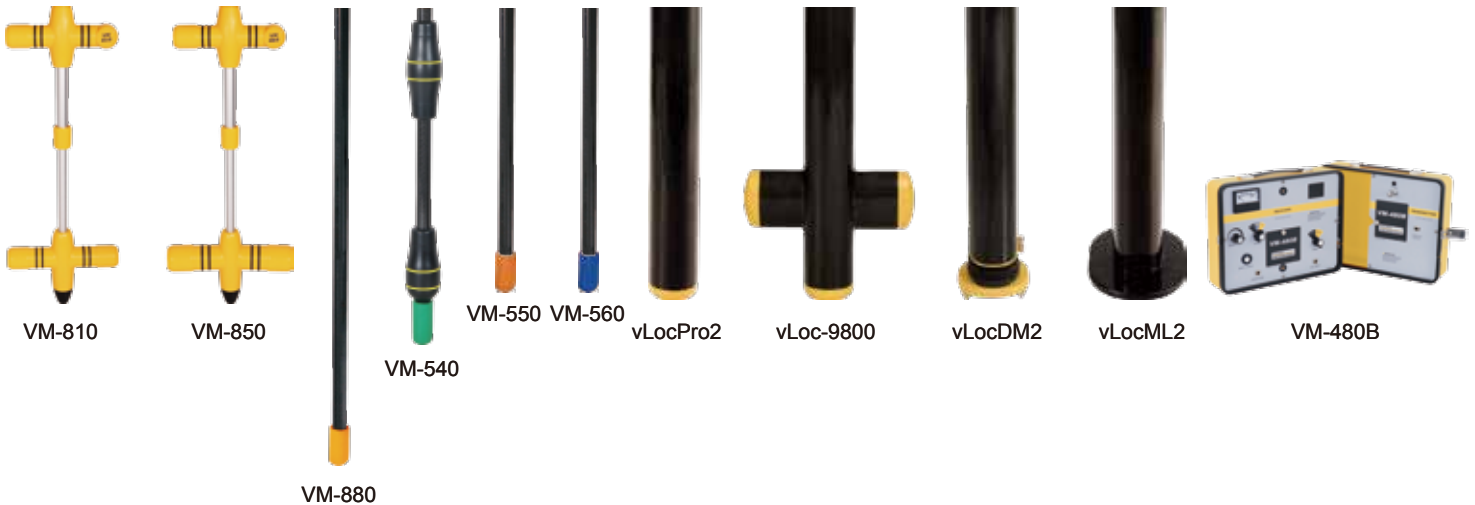## Clamp

To apply the transmitter signal to a target cable when no access to the conductor is possible.
▶ Dia. 2" (50mm)
▶ Dia. 4" (100mm)
▶ Dia. 5" (125mm)

Vivax-Metrotech - Locators for all applications and all budgets...

VM-810   VM-850   VM-540   VM-550 VM-560   vLocPro2   vLoc-9800   vLocDM2   vLocML2   VM-480B

VM-880

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Disclaimer: Product and accessory specification and availability information is subject to change without prior notice.   V1.2 (May 2013)