VIVAX METROTECH

Loc-150Tx

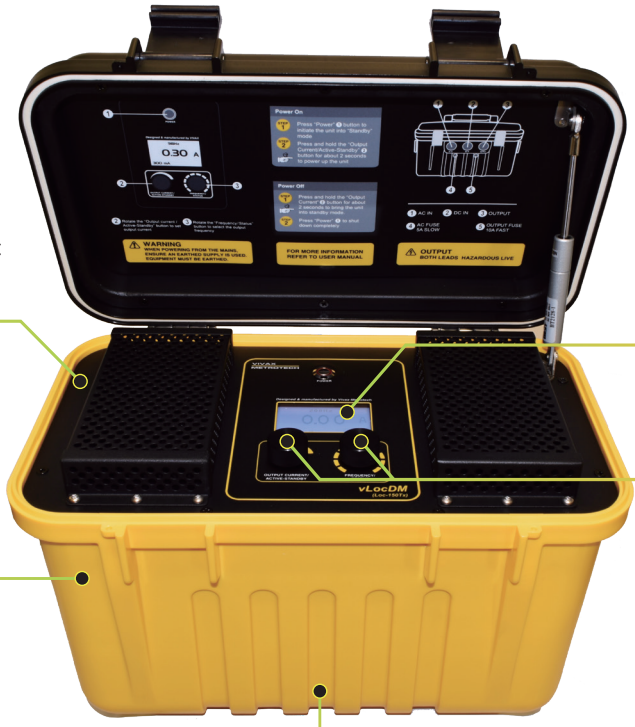
150-Watt DM transmitter

- **4A output current**
- **Powered by AC or DC external power**
- **Overvoltage, power, and temperature alarms**
- **Use on longline pipeline, telephone, and fiber**
- **Identify the location of coating defects, faulty insulation joints, and cable faults**

This powerful ***150-watt transmitter*** is the go-to transmitter for cable fault locating, finding holidays on coated pipes, and problematic deepburied lines and long-distance pipe and cable locating. The Loc-150Tx is typically used with the Defect Mapper (DM) Receiver on cathodic protected longline pipelines. However, it is also well suited for those needing a low frequency, high output transmitter.

The Loc-150Tx transmitter has selectable frequencies from 98Hz to 640Hz. The two-inch by one-inch backlit dot matrix display shows output current, volts, resistance, frequency, volume, and high voltage warnings. Two rotary/push control knobs provide access to frequency selection, output level, menu information, and active/standby modes. This transmitter is supplied with a direct connection lead, DC input lead, AC mains lead and ground stake.

Packaged in a rugged, ergonomic IP54 housing, this transmitter provides consistent current output with protection against inadvertent connection to incoming voltages up to 250V.



	Loc-150Tx Transmitter Specifications
Construction	High impact ABS injection molded housing
Weight and Dimensions	27.5lbs / 12.5kg 16.7in(L) x 10.3in(W) x 12.9in(H) (425mm x 262mm x 328mm)
Display	Monochrome dot matrix display 2.4in x 1.3in (60mm x 32mm) with LED backlight
Signal Application	Direct connection - applies the signal directly by clipping one output lead to the utility, the other to an independent ground or anode bed.
Operating Frequencies	98Hz, 128Hz, 512Hz, 640Hz, 3Hz/98Hz, 3Hz/128Hz, 4Hz/98Hz, 4Hz/128Hz ELF1 - 3Hz/6Hz/98Hz 3Hz/6Hz/512Hz SD-EUR ELF2 - 3Hz/6Hz/128Hz 3Hz/6Hz/640Hz SD-USA ELF3 - 4Hz/8Hz/98Hz 4Hz/8Hz/512Hz ELF4 - 4Hz/8Hz/128Hz 4Hz/8Hz/640Hz Other multiple frequencies in the range of 3Hz to 2kHz available upon request.
Transmitting Mode Power Output	- Powered by AC: 150W - Powered by DC: 12-28V, 50W; > 28V, 150W
Output Voltage	Maximum output voltage = 120V RMS
Output Current	Maximum output current = 4A RMS with up to two frequencies. The output is limited to 3A RMS with three simultaneous frequencies. Output current selection: 100mA, 300mA, 600mA, 1A, 2A, 3A, 4A
Environmental	IP54 and NEMA 4

What's in the box

Loc-150Tx Transmitter

Direct connection lead and ground stake

DC input lead

AC Mains Lead

Compatible Receivers

vLoc3-DM

vLocDM2

vLoc3-XLF

VM-510FFL+ Fault Locator

vLoc3 Accessory A-Frame

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