VIVAX METROTECH

INTERMOUNTAIN SALES INC
UTILITY TOOLS FOR TODAY

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.

Output fuse protected against inadvertent connection to incoming voltages up to AC/DC 250V

Monochrome dot matrix display 2.4in x 1.3in *(60mm x 32mm)*

Rotary/Push control knobs

High impact ABS plastic housing

Powered by:
Cathodic Protection (nominally 26V - 60V DC) (max 14A)
100 - 250V AC mains power (max 4A)
12V DC external supply or higher (output power is limited when using 12V DC) (max 8A)

	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

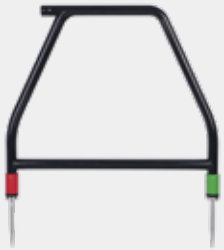
Compatible Receivers

vLoc3-DM

vLocDM2

vLoc3-XLF

VM-510FFL+ Fault Locator



vLoc3 Accessory A-Frame

INTERMOUNTAIN SALES, INC.

Utility Tools for Today!

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Please visit our website for full product specifications.