

## A. Typical Applications

Item	Parameter
<b>Description</b>	Pipeline defect mapper transmitter
<b>Uses</b>	Transmitting active signals for the location of coating defects on buried pipes



## B. Transmitter Assembly

Item	Parameter
<b>Construction</b>	High impact ABS
<b>Weight</b>	27.5lbs (12.5kg)
<b>Dimension</b>	16.7in(L) x 10.3in(W) x 12.9in(H) (425mm x 262mm x 328mm)
<b>Display Type</b>	Monochrome dot matrix display 2.4in x 1.3in (60mm x 32mm)
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>- Cathodic Protection (nominally 26V - 60V DC) (max 14A)</li> <li>- 100 – 250V AC mains power (max 4A)</li> <li>- or 12V DC external supply or higher (output power is limited when using 12V DC) (max 8A)</li> </ul>
<b>External Connectors</b>	<ul style="list-style-type: none"> <li>- 100 – 250V AC mains input - three pin "Multi-Con-X" connector (Male)</li> <li>- DC Input - two pin "Multi-Con-X" connector (Male)</li> <li>- Transmitter output - two pin "Multi-Con-X" connector (Female)</li> <li>- Fuse sockets</li> </ul>
<b>Output Protection</b>	Output fuse protected against accidental connection to up to AC/DC 250V
<b>Approvals</b>	<ul style="list-style-type: none"> <li>- Complies with European standard CE (Directive 99/5/EC) (Pending) <ul style="list-style-type: none"> <li>• EN 61000-6-4: 2007</li> <li>• EN 61000-4-3: 2006</li> <li>• EN 61000-4-2: 1995 A1 &amp; A2</li> <li>• EN 61000-4-8: 1994 A1</li> <li>• ETSI EN 300 330-2: 2006</li> <li>• ETSI EN 301 489-1: 2005</li> </ul> </li> <li>- Complies with FCC Rules Part 15 (Pending) <ul style="list-style-type: none"> <li>• CFR 47 part 2: 2004</li> <li>• CFR 47 Part 15: 2006</li> <li>• ANSI C63.4: 2003</li> <li>• ETSI EN 301 489-3: 2002</li> </ul> </li> </ul>
<b>Standard Accessories (Supplied With Transmitter)</b>	<ul style="list-style-type: none"> <li>- 1 x direct connection lead (with two cables each 10ft(3.5m) long with crocodile clips)</li> <li>- 1 x DC input lead (with two cables each 10ft (3.5m) long with crocodile clips)</li> <li>- 1 x 9ft (3m) mains input lead</li> </ul>

## C. Operational

Item	Parameter
<b>Information Displayed</b>	<ul style="list-style-type: none"> <li>- Output Frequency</li> <li>- Output Current setting</li> <li>- Output Current</li> <li>- Output Voltage (info menu)</li> <li>- Operating Temperature (info menu)</li> </ul>
<b>Signal Application Modes</b>	- <b>Direct connection mode only</b> - applies signal directly to the cable by clipping one output lead to the pipe, the other to an independent ground or anode bed.
<b>Transmitting Frequencies (Varies By Country &amp; Market)</b>	<ul style="list-style-type: none"> <li>- 98Hz, 128Hz, 512Hz, 640Hz, 3Hz/98Hz, 3Hz/128Hz, 4Hz/98Hz;</li> <li>- 4Hz/128Hz, ELF1-3Hz/6Hz/98Hz;</li> <li>- ELF2-3Hz/6Hz/128Hz;</li> <li>- ELF3-4Hz/8Hz/98Hz; ELF4-4Hz/8Hz/128Hz;</li> <li>- 3Hz/6Hz/512Hz;</li> <li>- 3Hz/6Hz/640Hz;</li> <li>- 4Hz/8Hz/512Hz;</li> <li>- 4Hz/8Hz/640Hz</li> </ul> <p>Other multiple frequencies in the range of 3Hz to 2kHz available upon request.</p>
<b>Transmitting Mode Power Output</b>	<ul style="list-style-type: none"> <li>- Powered by AC: 150W</li> <li>- Powered by DC: 12-20V, 50W</li> </ul>
<b>Output Voltage</b>	Maximum output voltage = 120V RMS
<b>Output Current</b>	Maximum output current = 4A RMS with up to 2 frequencies. Output limited to 3A with three or four simultaneous frequencies.
<b>Controls</b>	<p>Uses 2 Rotary/Push control knobs to select:</p> <ul style="list-style-type: none"> <li>- Frequency</li> <li>- Output level</li> <li>- Information</li> <li>- ACTIVE/STANDBY push button</li> <li>- One On/OFF push button</li> </ul>
<b>Compatible With Receivers</b>	vLocDM

## D. Environmental

Item	Parameter
<b>Temperature Range</b>	<p>Operating : -4°F to 122°F (-20°C to 50°C)</p> <p>Storage : -40°F to 140°F (-40°C to 60°C)</p>
<b>Weather Proof</b>	IP54 and NEMA 4
<b>Shipping Weight</b>	44.1lbs (20kg)
<b>Shipping Dimension</b>	21.7in(L) x 15.2in(W) x 18.3in(H) (550mm x 385mm x 465mm)

## E. Warranty

Item	Parameter
Warranty	12 months

Disclaimer: All product availability or product accessory information is subject to change without notice.



United State of America	Europe
<p><b>Vivax-Metrotech Corporation</b>  3251 Olcott Street,  Santa Clara, CA 95054, USA  Website : www.vivax-metrotech.com</p> <p>Sales &amp; Sales Support:  T/Free : +1-800-446-3392  Tel : +1-408-734-1400  Fax : +1-408-734-1415  Email : sales@vxmt.com</p> <p>Application Support:  T/Free : +1-800-624-6210  Tel : +1-408-454-7159  Fax : +1-408-743-5597  Email : applications@vxmt.com</p> <p>Service &amp; Repairs:  T/Free : +1-800-638-7682  Tel : +1-408-962-9990  Fax : +1-408-734-1799  Email : service@vxmt.com</p> <p>All Other Department:  T/Free : +1-877-330-1647  Tel : +1-408-734-3880  Fax : +1-408-962-9993</p>	<p><b>SebaKMT</b>  Seba Dynatronic  Mess-und Ortungstechnik GmbH  Dr.-Herbert-lann-Str. 6,  96148 Baunach, Germany</p> <p>Tel : +49-9544-680  Fax : +49-9544-2273  Website : www.sebakmt.com  Email : service@sebakmt.com</p>
<p><b>Canada</b></p> <p><b>Vivax Canada Inc.</b>  400 Esna Park Drive,  Unit 17, Markham,  Ontario, L3R 3K2, Canada</p> <p>Tel : +1-289-846-3010  Website : www.vivax-metrotech.com  Email : CanadianSales@vxmt.com</p>	<p><b>Australasia</b></p> <p><b>SebaKMT AUS</b>  Unit 1, 176 South Creek Road,  Cromer NSW 2009, Australia</p> <p>Tel : +61-2-9972-9244  Fax : +61-2-9972-9433  Website : www.sebakmtaus.com  Email : sales@sebakmtaus.com  service@sebakmtaus.com</p> <p><b>China</b></p> <p><b>Leidi Utility Supply (Shanghai) Ltd.</b>  Rm405 3<sup>rd</sup> Building No. 641, Tianshan Rd,  Shanghai, China 200336</p> <p>Tel : +86-21-5187-3880  Fax : +86-21-5168-5880  Website : www.leidi.com  Email : info@leidi.cn</p>