



Features

- Signal Select™ offers enhanced Positive Line ID
- Forward-looking Guidance Coil™ alerts for bends and “T”
- Distortion Alert™ assists in recognizing signal bleed-over
- Auto-archiving of meaningful digital information, including digital photos
- Bluetooth® wireless communication enabled in receiver
- Bright color ¼ VGA receiver graphical display
- Broad frequency selection between 491 Hz and 166 kHz + Power and RF
- 10 Watt variable output transmitter for depth and distance locating
- Sheath Fault Locating for power and telecom cables
- Powerful Digital Signal Processing in both receiver and transmitter
- Automatic or manual gain mode
- Distance Sensitive Left / Right Guidance™
- Peak/Null antenna as optional replacement for Left/Right Guidance antenna

Using superior design and powerful software, the i5000™ offers several new performance features, establishing it as the new standard for locating systems in the underground utility locating industry.

The core of the i5000™ Utility Locating System is the ergonomically designed handheld receiver. Designed for comfort, the lightweight receiver is balanced for all day use. The receiver's bright color display is complete with intuitive, easily read graphics that can be viewed in all lighting conditions.

Industry standard Bluetooth® wireless communication facilitates the transfer of locating data collected and stored in the receiver's internal memory to a web-based data warehouse. Valuable additional information can be easily synchronized between the receiver and database, including one-call tickets and digital photos of the work site. With GPS-derived site information, and an auto-synchronized timebase, the i5000™ is a truly unique and useful tool for asset management, training and increased productivity.

The i5000™ is a more accurate locator with the included positive line ID features. Signal Select™ and Distortion Alert™ are incorporated into one easily understood icon on the display. Other enhancements include high-capacity Li-Ion battery technology that lowers operating costs and a variable high power output transmitter, up to 10 Watts.

Standard Equipment

Receiver, transmitter, smart conductive attachments, ground rod, hard carrying case, operation manual.

Options

Sheath fault locating transmitter and A frame, data logging & GPS antenna, MyLocator™ data warehousing and analysis service.

Accessories

i5000 MetroClamp 2" (50mm) and 4" (100mm), transmitting sondes, spare rechargeable battery packs and chargers, alkaline battery holders, serial interface cables, conductive attachments, soft carrying cases.

Contact Metrotech for a complete list of i5000 versions, options and accessories or visit our website at www.metrotech.com.



Service Center, Sales and Technical Support Information

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i5000 Receiver*

Active Frequencies	491 Hz, 982 Hz, 8.44 kHz, 9.82 kHz, 35 kHz, 82 kHz, 83 kHz
Passive Frequencies	50 Hz, 60 Hz, 100 Hz, 120 Hz, RF 14 –21 kHz Extended and special frequency sets available
Depth Display Accuracy	0-10 ft: +/- (5% + 2") under ideal field conditions 10-20 ft: +/- 10% under ideal field conditions
Depth Range	Maximum 20 ft (600 cm)
Gain Adjustment	Automatic & manual with push-button centering
Controls	On/off, four-way navigation key and soft keys
Display Indicators	Frequency, GPS, audio volume, battery condition, Guidance Compass™, Distortion Alert™, Signal Select™, signal strength, Distance Sensitive Left/Right Guidance™, menu softkey, frequency softkey, gain softkey, shortcut softkey
Line ID	Signal Select™, Guidance Compass™, Distortion Alert™
Display	¼ VGA Bright Color
Antenna	Distance Sensitive Left/Right Guidance™
Communications	Bluetooth®
Data Acquisition	GPS, internal data logging memory
Operating Temperature	-4°F to +122°F (-20°C to +50°C)
Battery Type	Li-Ion rechargeable
Battery Life	30 hours continuous
Battery Check	Continuous display
Dimensions	8 ¼"W x 13 ¼"H x 29"L (21.0 cm x 33.7 cm x 74.3 cm)
Weight	4.9 lbs (2.2 kg)
Regulatory Compliance	FCC, CE
Environmental	IP 54



Color Display



Sleek Ergonomic Design

i5000 Transmitter*

Output Frequencies	491 Hz, 982 Hz, 8.44 kHz, 9.82 kHz, 35 kHz, 82 kHz, 83 kHz Extended and special frequency sets available
Output Power	Variable to 10 W
Simultaneous Output	Up to three active frequencies
Controls	Frequency select, measurement units (mA, Volts, Ohms, Watts), output power, Signal Select™, menu, 4-way navigation, select, SFL, On/off
Display Indicators	Battery status, audio volume, output mode, frequency setting, frequency output, % output in SFL or induction mode, output graph, loop resistance graph
Display	1/8 VGA monochrome
Battery Type	NiMH rechargeable
Battery Life	8–12 hours continuous
Operating Temperature	-4°F to +122°F (-20°C to +50°C)
Dimensions	11"W x 6 ¾" H x 9"L (27.9 cm x 17.1 cm x 22.9 cm)
Weight	8.24 lb (3.7 kg)
Regulatory Compliance	FCC, CE
Environmental	IP 54



*Specifications are subject to change without notice. Not all options and features may be listed here, contact Metrotech for details on specific instrument features and options.



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