

Features:

- Excellent Isolation From Adjacent Utilities
- Efficient High Power 2 Watt Transmitter Facilitates Long Distance Locating
- Transmitter Impedance Matching Maximizes Battery Life
- Saves You Time – Simultaneous Peak/Null
- Shows You The Path – left/Right Guidance System and Audible Tone
- Pinpoints Your Utility and Indicates Strength of Transmitted Signal – Digital Signal Strength
- No manual Gain Adjustments – Fully Automated
- Determines Depth – Quick and Easy Push Button Depth
- Lightweight, and All Readouts are Line-Of-Sight, Reducing User Fatigue



Standard Equipment:

Transmitter, Receiver, Conductor Attachments, Ground Rod, Carrying Case, and Operation Manual.

Accessories:

Metroclamps 4290 (2"), 5120 (4"), 4890 (8")

Headphones (P/N 183045), Sondes (P/N SON982, P/N SONH9.8K), Training Videos (P/N 600A073)

850 Transmitter Technical Data

Nominal Output Power:	0.6W and 2W Output
Frequency:	9.82 kHz + .002% Crystal Controlled for interference resistance
Battery Type:	Rechargeable Lead-Acid 6V Charging is by 115V, 60Hz AC Power source (by request), or optional 12V vehicle mount charger
Battery Life:	92 hours Continuous Use
Impedance Matching	Automatic, no adjustments
Dimensions:	8"L x 4.125"W x 6.75"H (20.3 x 10.5 x 17.2 cm)
Weight:	5.8 lbs (2.6 kg)

850 Receiver Technical Data

Trace Accuracy	+1 inch from 0-3 ft (91 cm) +3% over 3 ft (91 cm) in depth
Depth Readout Accuracy	± (5% + 2") under normal conditions
Depth Readout Range	To 13 ft (400 cm)
Sensitivity Control	Automatic, no adjustments
Battery Type	4 NEDA 1604A Alkaline (9V)
Battery Test	Indicated on Meter
Battery Life	150 hours
Temperature Range	0 - 110°F (-18 - 43°C)
Dimensions (Extended Length)	32.5"L x 7.5"W x 12.5"H (82.6 x 19.1 x 31.8 cm)
Weight	4.4 lbs (2.0 kg)

Service Center, Ordering, and Technical Support Information

Corporate Headquarters

Western United States Service Center
488 Tasman Dr., Sunnyvale, CA 94089
Sales Tel: 1.800.446.3392 (U.S./Canada)
Service Tel: 1.800.638.7682
Tel: +1.408.734.1400 (International)
Fax: +1.408.734.1415
www.metrotech.com; sales@metrotech.com

Metrotech Eastern United States Service Center

1824 Murfreesboro Rd., #104
Nashville, TN 37217
Tel: 1.800.624.6210 (U.S./Canada)
Tel: +615.366.7323 (International)
Fax: +1.615.360.9855
nashville@metrotech.com

Metrotech European Service Center

Seba Dynatronic GmbH
Dr.-Herbert-Iann-Str. 6, D-96148
Baunach, Germany
Tel: +49.9544.680
Fax: +49.9544.2273
www.sebadyn.de; service@sebadyn.de

Warranty: One year provided on parts and labor.

Specifications subject to change without notice. Copyright 2003

