

**NEW**  
**Enhanced** Lateral Tracing Function

# TW-82

## DIGITAL LINE TRACER

*Setting a New Standard  
of Performance in  
High Frequency  
Line Tracing*

### RUGGED CONSTRUCTION

- IP65 Compliant (stands up to water jets)
- Impact Resistant
- Weatherproof

### EASY-TO-USE

- Full-Time Continuous Readouts
- Two-Button Receiver Operation
- Ergonomic Design – Lightweight

### HIGH PERFORMANCE

- Ultra-Fast Response
- Powerful Inductive Transmitter
- Accurate, Repeatable Readings

**FISHER**® RESEARCH  
LABS



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## DIGITAL LINE TRACER



- Signal Current Display



- Depth
- Azimuth
- Signal Current
- Left/Right/Over-Target
- Programmable Lateral Mode

### Transmitter

<b>Output Frequency</b>	82.175 kHz
<b>Output Power (nominal)</b>	Normal Setting = 0.25 watt High Setting = 1.0 watt
<b>Conductive Tracing Impedance Matching Range</b>	Normal Power: 2 to 8,000 ohms -6dB High Power: 2 to 3,000 ohms -6dB
<b>Inductive Tracing Magnetic Strength</b>	Normal Power: 15 Vm <sup>2</sup> High Power: 25 Vm <sup>2</sup>
<b>Battery Type</b>	Four D-cell batteries (included)
<b>Battery Life</b>	Typically 130 hours
<b>Weight, with batteries</b>	3.73 lbs

### Environmental

<b>Ingress Protection Rating</b>	IP65 (stands up to water jets)
<b>Operating Temperature Range</b>	-4°F to 140°F (-20°C to +60°C)
<b>Relative Humidity</b>	0 to 95% noncondensing

<b>Shipping Weight (packaged)</b>	17.5 lbs
<b>Field Carry Weight with accessories</b>	15.5 lbs

*Includes Carry Case, Batteries, Ground Rod and Conductive Tracing Cables*

### Receiver

<b>Frequency</b>	82.175 kHz
<b>Standard Mode</b>	Automatic Response
<b>Lateral Mode</b>	V.C.O. Audio
<b>Left/Right Guidance</b>	Audible and Visual
<b>Azimuth Indicator</b>	Visual
<b>Over-Target Indicator</b>	Audible and Visual
<b>Battery Status</b>	Visual
<b>Signal Strength Indicator</b>	Numeric display & audible
<b>Signal Current Measurement</b>	Numeric display, automatic
<b>Depth Measurement</b>	Numeric display, automatic
<b>Battery Type</b>	Two D-cell batteries (included)
<b>Battery Life</b>	Average 100 hours
<b>Weight, with batteries</b>	3.60 lbs

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