

# NEW

## With Passive Power Detection

# TW-82P

## 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
- Programmable Lateral Mode
- Ergonomic Design – Lightweight

### HIGH PERFORMANCE

- Output Frequency 82.175 kHz
- Ultra-Fast Response
- Powerful Inductive & Conductive Transmitter
- Accurate, Repeatable Readings

# FISHER<sup>®</sup> RESEARCH LABS



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# TW-82P

## DIGITAL LINE TRACER



- Signal Current Display



- Depth
- Azimuth
- Current Measure
- Signal Strength
- Left/Right/Over-Target
- Programmable Lateral Mode
- Passive Power Detection

### Transmitter

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

### Environmental

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

Shipping Weight (packaged)	17.5 lbs
Field Carry Weight with accessories	15.5 lbs
Includes Carry Case, Batteries, Ground Rod and Conductive Tracing Cables	

### Receiver

Frequency	82.175 kHz
Standard Mode	Automatic Response
Lateral Mode	Programmable
Passive Power	50Hz & 60Hz detecting
Left/Right Guidance	Audible and Visual
Azimuth Indicator	Visual
Over-Target Indicator	Audible and Visual
Battery Status	Visual
Signal Strength Indicator	Numeric display & audible
Signal Current Measurement	Numeric display, automatic
Depth Measurement	Numeric display, automatic
Battery Type	Two D-cell batteries (included)
Battery Life	Average 80 to 130 hours
Weight, with batteries	3.60 lbs

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