



AT-4000 CON Series Advanced Wire Tracer

Amprobe's reputation for out-performing circuit tracers has just gotten better. These new and improved advanced tracers combine features and functions to make your job easier.

- AT-4001 CON** Advanced Wire Tracer with Soft Case
- AT-4003 CON** Advanced Wire Tracer
- AT-4004 CON** Advanced Wire Tracer w/Clamp-On Attachment
- AT-4005 CON** Advanced Wire Tracer w/Clamp-On Attachment, Battery Booster & Charger

- Extremely easy to use
- One universal transmitter - automatically switches to work with either energized or non-energized systems
- Receiver not position sensitive - does not need to be rotated in order to provide accurate readings
- Precise sensitivity adjustment
- Traces live wires buried or hidden behind walls
- Traces energized and non-energized (open, broken) wires
- Performs tests without having to interrupt power
- Locates breakers, neutrals, and ground lines
- Locates & traces wires in walls, floors, conduit, computer cables, etc.
- Pinpoints shorts, ground faults and broken wires
- Does not interfere with sensitive electronic equipment
- Battery Booster strengthens signal for open tracing
- Clamp-on attachment injects signal for non-contact operation
- No hassle one-year warranty



No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

AT-4000 CON Series Advanced Wire Tracer

Data Sheet

General Specifications

Transmitter Operating Voltage:	9-600 VAC
Operating Frequency:	32.786 kHz
Receiver Range Short Mode (in air):	20' in air from the traced wire under test conditions
Receiver Range Open Mode (in air):	12' in air from the traced wire under test conditions
Operating Temperature:	-18°C to 49°C (0 to 120°F)
Storage temperature:	-40° to 66°C (-40° to 150°F)
Case Material:	ABS
Case Size:	14x6.7mm) 0.55" x 0.26")
Weight (AT-4005 CON):	8.20 lbs.

R-4000 CON Receiver

Detectors:	Electromagnetic Coil Array pick up for short mode. Electrostatic plate pick up for open mode.
Sensitivity:	Low, Mid, High gain with precise sensitivity adjustment (thumbwheel).
Short Mode performance:	Over 20' in air from the traced wire under test conditions.
Open Mode performance:	Over 12' from the traced wire in air under test conditions.
50HZ, 60HZ, and 400HZ Rejection:	120db
Power Source:	9V alkaline battery
Display:	10 LEDs
Case:	Flame retardant ABS
Weight:	0.5 Lb. (113g)

T-4000 Transmitter

Operating voltage:	9-600 volts
Operating frequency:	32.768 KHZ
Duty Cycle:	Transmit 2 pulses with a duration of 0.06255 each, every 0.5 seconds
Case:	Flame retardant ABS
Display:	LCD (Liquid Crystal Display)
Weight:	0.32 LB (143.5g)
Current Output of the Signal:	Low Mode: 11 mA average, 30 mA peak Medium Mode: 12 mA average, 36 mA peak High Mode: 13 mA average, 63 mA peak
Fuse:	Fast acting 250 mA @ 1000V (6X46mm) P/N: FA6X46MM
Signal Output (9V supply):	High setting: 0.74 VAC Medium setting: 0.61 VAC Low setting: 0.53 VAC
Battery:	9V alkaline- 24V jack will accept battery pack accessory (B2024 or B2025)

A2202 Clamp-on Transmitter Accessory

Operating Frequency:	32.768KHZ as supplied by T-4000
Case Breakdown Voltage:	3000 volts
Maximum Wire size:	2000 MCM or 2" dia. Cable
Battery:	None, power is supplied by T-4000 B2024 Battery Pack

T-4000 B2024 Battery Pack

Type:	Nickel-Cadmium rechargeable (20 AA cells)
Capacity:	24-Volt, 600 mah
Rechargeable Time:	14 hours
Fuse:	internal self-resetting

B2025 Recharger/Converter

Input:	115VAC
Output:	24 VDC @350 mah

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Optional Accessories

ATGC-1	Ground Coil Accessory
MTL-90B, MTL-500, MTL-501 and TL36A	Test Lead Accessories



Included Accessories	Model AT-4001 CON	Model AT-4003 CON	Model AT-4004 CON	Model AT-4005 CON
Carrying Case	Soft SV-1000	Hard CC-AT-4000	Hard CC-AT-4000	Hard CC-AT-4000
Receiver R-4000 CON	■	■	■	■
Transmitter T-4000	■	■	■	■
Carrying Case CC-AT-4000	■	■	■	■
110V Pigtail - Banana Plug Cord Set C2901	■	■	■	■
Alligator Clip - Banana Plug Cord Set C902	■	■	■	■
Ground Test Lead 25-ft. MTL-G	■	■	■	■
Alligator Clip for Ground Lead TL36A	■	■	■	■
Clamp-On Transmitter Accessory A2202			■	■
Rechargeable Battery Pack B2024				■
Battery Pack Recharger B2025				■