



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



Patent #6,940,289



N10140

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				■