

AMPROBE®



Data Sheet

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.

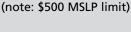
AT-4001 CON Advanced Wire Tracer with Soft Case

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

Our commitment to

high-quality products

and customer service

"No Hassle" warranty.

In the unlikely event

that an Amprobe Test

Tool requires warranty

authorized to replace

service, any of our local dealers are

it, on the spot.

is demonstrated by our industry exclusive

charges.

Patent #6,940,289





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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 0.0625S 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				
Туре:	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				



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