



R2000

# AT-2000-A Advanced Wire Tracer Series

## Advanced in Wire Tracing Technology

Without interrupting power, the Amprobe AT-2000-A Advanced Wire Tracer Series easily traces energized or non-energized wires or cables buried behind walls up to 13' (4 m) deep.

AT-2004-A Advanced Wire Tracer

AT-2005-A Advanced Wire Tracer with Battery Booster & Charger



S2600-A



T2200

- Traces live wires, non-energized or open (broken) wires buried or hidden behind walls up to 13' (4 m) deep
- Performs tests without interrupting power
- Locates breakers, neutral and ground lines
- Detects and traces wires in walls, floors, conduit, computer cables, etc.
- Pinpoints shorts, ground faults and broken wires
- Does not interfere with sensitive electronic equipment
- Supplied with battery booster which strengthens signal for open tracing (AT-2005-A only)

## AT-2000-A ADVANCED WIRE TRACER SERIES SPECIFICATIONS

Features	AT-2000-A Series
Traces energized wires and locates breakers without interrupting power.	9 – 300 V ac/dc (S2600-A signal load generator)
Traces non-energized wires (continuity and grounded wire) and pinpoints shorts & ground faults.	T2200 transmitter and 9 V battery
Pinpoints non-energized open wires (broken or disconnected wire).	T2200 transmitter
Supplied with clamp-on attachment to inject signal without contacting a bare wire.	Yes
Supplied with battery booster to strengthen signal for open tracing.	Yes (AT-2005-A only)

For more detailed specifications see users manual.

Kit Contains	AT-2004-A	AT-2005-A
R2000 Receiver	■	■
S2600-A Load Signal Generator	■	■
T2200 Transmitter for Open Tracing	■	■
A2201 Clamp-on Transmitter Accessory	■	■
C2901 Cord Set - 110V Plug to Banana Plugs	■	■
C2902 Cord Set - Alligator Clips to Banana Plugs	■	■
B2024 Rechargeable Battery Pack	■	■
B2025 Battery Pack Recharger	■	■
Users Manual	■	■



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## AT-2000-A ADVANCED WIRE TRACER SERIES DETAILED SPECIFICATIONS

Specifications	Range
Operating temperature	0 °F to 120 °F (-18 °C to 49 °C)
Storage temperature	-40 °F to 150 °F (-40 °C to 66 °C)
Case size	11 x 15.5 x 4 in (39.4 x 27.9 x 10.2 cm)

### R2000 Receiver

Detectors	Electromagnetic coil pick-up for short mode Electrostatic plate pick-up for open mode
Sensitivity selection	x1, x10, x100 course gain adjustment; 0 – 10 fine adjustment
Short mode performance	Over 20 feet in air under test conditions
Open mode performance	Over 12 feet in air under test conditions
60 Hz Rejection	120 db
Power supply	9 V alkaline battery
Display	10 LEDs with Chroma filter lens

### S2600-A Load Signal Generator

Operating voltage	9 - 300 V ac/dc
Operating frequency	32.768 KHZ
Duty cycle	Transmit 2 pulses with a duration of 0.0625 seconds each, every 0.5 seconds
Current output – Low mode	35 mA peak, 4 mA average
Current output – High mode	70 mA peak, 6 mA average

### T2200 Transmitter

Operating frequency	32.768 kHz	
Duty cycle	Transmit 2 pulses with a duration of 0.0625 each every 0.5 seconds	
Signal output	<b>9 V battery</b>	<b>24 V battery</b>
High setting	1 A, 31 V	3 A, 105 V
Medium setting	1.8 A, 13 V	6 A, 45 V
Low setting	3.0 A, 6.5 V	10 A, 22 V
Battery	9 V alkaline 24 V jack will accept battery pack accessory (B2024 or B2025)	

### A2201 Clamp-on Transmitter Accessory

Operating frequency	32.768 kHz as supplied by the T2200
Case break down voltage	3000 V
Maximum wire size	2000 MCM or 2" diameter cable
Battery	None, power is supplied by the T2200

### B2024 Rechargeable Battery Pack (AT-2005-A only)

Type	Nickel-cadmium rechargeable (20AA cells)
Capacity	24 V, 600 mAh
Recharge time	14 hours

### B2025 Battery Pack Recharger (AT-2005-A only)

Input	115 V ac
Output	24 V dc @ 350 mah

For complete specifications please download the product datasheet and the users manual on [www.Amprobe.com](http://www.Amprobe.com).