

UAT-505 Underground Utility Locator Kit

Detect and measure depth of buried pipes and cables

Increase productivity on the job site with precise with accurate locating

The Amprobe UAT-505 Underground Utility Locator Kit is the rugged, economical solution for locating underground energized and de-energized wires, cables and pipes. The Transmitter utilizes the proven 33 kHz frequency, which is ideal for most locating applications. With the Receiver, trace the signal in Induction or Direct Test Leads Connection Modes. The Receiver features fast sound and meter response and easy depth measurements to 20 feet at the push of a button, as well as highly sensitive Power and Radio Modes which detect energized wires and radio signals on underground lines.

Features

- Locates underground energized and de-energized wires and cables
- Locates underground metal pipes
- Multiple tracing modes for locating and tracing energized and de-energized utilities in a variety of applications: Power Mode, Radio Mode, Induction Mode and Direct Test Leads Connection Mode
- Depth measurement up to 20 ft, detect and trace utilities buried up to 100 ft deep (Direct Test Leads Connection Mode only)
- Receiver features a high-contrast display with an automatic backlight and semi-automatic gain control

for fast signal location and control

- 33 kHz transmitting frequency: best frequency for general locating
- Complete ready-to-use kit: Receiver, Transmitter, test leads, batteries and carrying case



Underground Utilities

Safety Certification

All Amprobe tools, including the Amprobe UAT-505, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.









Electrical utilities distribution



Construction

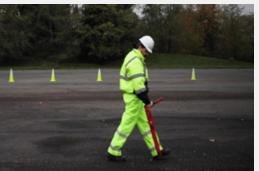


Transportation



Outdoors facilities maintenance





Who needs the UAT-505?

- Wastewater engineers
- Pipefitters
- Plumbers
- Construction contractors
- Field engineers
- Inspectors
- Civil engineers
- Government inspectors
- •811 state surveyors

Identify Underground Pipes, Cables & Wires

The Amprobe UAT-505 discovers the location of underground utilities such as sewer lines, power lines and water lines up to 100 feet deep, with accurate depth measurement to 20 feet when connected to the Transmitter. The Transmitter operates at a 33 kilohertz (kHz) frequency signal, which provides the most reliable results for many locating applications. The kit also comes with a connection cables and alligator clips for connecting the transmitter to the buried pipe or de-energized cable or wire to be traced.

Expert Features for Any Situation

The UAT-505 can be used in different modes for optimal tracing in many situations.

Receiver

- Power Mode locates energized wires with a 50/60 Hz frequency. The Receiver alone detects the electromagnetic fields emitted by buried energized lines conducting currents.
- Radio Mode uses the Receiver to detect radio waves coming from cellular towers, radio stations, etc. that are picked up and carried by underground metal objects, such as cables or pipes.

Receiver + Transmitter

- Induction Mode uses the Transmitter to wirelessly induce a signal into a buried pipe, cable, or wire. The Receiver then detects the signal carried by
- In Direct Test Leads Connection Mode, the Transmitter is connected to the buried de-energized cables or utilities with test leads (provided there is an available access point to the utility). The Transmitter then sends a signal across the wire or pipe.*
- If it is not possible to gain access to a cable for making an electrical contact or it is not safe to do so, the optional Signal Clamp provides an efficient and safe method of applying a locate signal to a cable.

The UAT-505 can also trace non-metallic pipes in Induction or Direct Test Leads Connection Modes. Some of these pipes have embedded metal trace that will conduct signal for tracing. For pipes without embedded metal, use a conductive tracing tape.

The UAT-500-T Transmitter **should never** be connected to an energized circuit. The Amprobe **UAT-600-T Transmitter**, safety rated CAT IV 600 V, can be safely used to connect to energized circuits.



UAT-505 Kit Contents

	UAT-505
UAT-600-R Receiver	1
UAT-500-T Transmitter	1
CC-UAT-500 Carrying Case	1
TL-UAT-500 Test Leads Kit*	1
1.5 V AA (IEC LR6) Batteries (Receiver)	6
1.5 V D (IEC LR20) Batteries (Transmitter)	4
User Manual	1

- *TL-UAT-500 Test Leads Kit includes:
- Green test lead with detachable green alligator clip Gray test lead with permanently attached gray alligator clip
- Ground stake



Amprobe Underground Locator Kit Comparison

	UAT-505	UAT-610	UAT-620
CAT Rating	-	CAT IV 600 V	CAT IV 600 V
Transmitter frequency (direct connection)	33 kHz	8 kHz and 33 kHz	8 kHz and 33 kHz
Direct connection to energized circuits	-	•	•
De-energized circuit tracing	•	•	•
Included signal clamp	-	_	•







Specifications

Description valuage		UAT-600-R Receiver	UAT-500-T Transmitter
Tracing modes	Operating voltage	0 to 600 V	De-energized circuit only for Direct Connection Mode
Tracing modes Active tracing: 50 / 60 Hz and Haudo Active tracing: 50 / 60 Hz and Haudo Direct Commodition Mode Direct Direct Commodition Mode Direct Direct Commodition Mode Direct Direct Commodition Mode Direct Direct Direct Commodition Mode Direct D		-	33 kHz
Output stratege	Tracing modes		Induction Mode Direct Connection Mode
Output current — Mex. 100 mA ms Locating modes Peak and Null — Sensitivity adjustment (gain control) — — Depth measurement Up to 20 ft f6 m) — Depth measurement accuracy 14 in (0) m to 10 ft f6 m; ± 3 % — Sensitivity at 1 m (typical) Power: 2 m A B Matz: 5 ju A 3 S Matz: 5 ju A — Display backlight Automate — Visual signal indication — Two LEDs indicating LO and Hi signal Addio signal indication — Two LEDs indicating LO and Hi signal Compatible receiver — — Continuous signal Mode: Compatible receiver — — — — Compatible accessories — — — — Display — — — — Compatible accessories — — — — Display — 4.3 in (103 mm), 320 x 240 BW outdoor LC-Display with auto backlight — — Update rate — — — — — <th>Transmitting mode power output</th> <td>-</td> <td>Max. 1 watt</td>	Transmitting mode power output	-	Max. 1 watt
Depth measurement (gain control (gain con	Output voltage	-	Max. 35 V rms
Pepth measurement Up to 20 ft ft m) Up to 20 ft m)	Output current	-	Max. 100 mA rms
Depth measurement Depth measurement Depth measurement Depth measurement A in (0.1 m) in 10 in 10 in (0.1 m) in 10 in 10 in (0.1 m)	Locating modes	Peak and Null	-
Depth measurement accuracy	Sensitivity adjustment (gain control)	•	-
Sensitivity at 1 m (typical) Prowinc 2 m A Radio: 20 µA Radio: 20	Depth measurement	Up to 20 ft (6 m)	-
Sensitivity at 1 m (typical) Reduct 20 μA 33 kHz: 5 μA 41 kHz — Display backlight Automatic — Visual signal Indication Two LEDs indicating LO and H signal Continuous signal Mode: C	Depth measurement accuracy		-
Visual signal Indication ————————————————————————————————————	Sensitivity at 1 m (typical)	Radio: 20 μΑ 8 kHz: 5 μΑ	-
Audio signal indication Increasing closer to the signal Continuous Signal Mode: Pulse Signal Signal Pulse Pulse Pulse Signal Pulse	Display backlight	Automatic	-
Audio signal indication Increasing closer to the signal Continuous audio tone Pubes Signal Mode: Fast pulsed audio tone Compatible receiver — UAT-600-R Receiver Compatible transmitter UAT-600-T and UAT-500-T transmitter — Compatible accessories — SC-600 Signal Clamp Display 4.3 in (109 mm), 320 x 240 BW outdoor LC-Display with auto backlight — — Update rate — — — Operating temperature and humidity 4.4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH 4.4 °F to 122 °F (-20 °C to 50 °C), ≤80% RH Storage temperature and humidity 4.4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH 4.40 °F to 140 °F (-40 °C to 60 °C), ≤80% RH Pollution degree 2 2 2 IP-rating IP54 Pollution (-2000 m) <6561 ft (<2000 m) <6561 ft	Visual signal indication	-	Two LEDs indicating LO and HI signal
Compatible transmitter UAT-600-T and UAT-500-T transmitter — Compatible accessories — SC-600 Signal Clamp Display 4.3 in (109 mm), 320 x 240 BW outdoor LC-Display with auto backlight — Update rate Instantaneous — Operating temperature and humidity -4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH -4 °F to 122 °F (-20 °C to 50 °C), ≤80% RH Storage temperature and humidity -4 °F to 140 °F (-40 °C to 60 °C), ≤ 80% RH -4 °F to 104 °F (-40 °C to 60 °C), ≤ 80% RH Operating altitude < 6561 ft (< 2000 m)	Audio signal indication	Increasing closer to the signal	Continuous audio tone Pulse Signal Mode:
SC-600 Signal Clamp TL-UAT-500 Test lead set	Compatible receiver	-	UAT-600-R Receiver
TL-UAT-500 Test lead set	Compatible transmitter	UAT-600-T and UAT-500-T Transmitter	-
Update rate	Compatible accessories	-	
Operating temperature and humidity -4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH -4 °F to 122 °F (-20 °C to 50 °C), ≤ 80% RH Storage temperature and humidity -40 °F to 140 °F (-40 °C to 60 °C), ≤ 90% RH -40 °F to 140 °F (-40 °C to 60 °C), ≤ 80% RH Operating altitude < 6561 ft (< 2000 m)	Display	4.3 in (109 mm), 320 x 240 BW outdoor LC-Display with auto backlight	-
Storage temperature and humidity -40 °F to 140 °F (-40 °C to 60 °C), ≤ 90% RH -40 °F to 140 °F (-40 °C to 60 °C), ≤ 80% RH Operating attitude < 6561 ft (< 2000 m)	Update rate	Instantaneous	-
Operating altitude Pollution degree 2 1P-rating Prop proof Power supply Power supply Six (6) 1.5 V AA alkaline batteries Auto power off Battery life Approx. 35 hours at 70 °F (21 °C) (Typical) Active symbol in upper right corner of the live screen Battery indication Active symbol in upper right corner of the live screen Battery tife Safety compliance Cisc 61326-1 Korea (KCC): Class A Equipment (Inclustrial Broadcasting & Communication Equipment) [1] This product meets requirements for inclustrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Size (H x W x L) A 9 C 5 C 6 S F C 100 C 1 1.9 x 4.7 x 30.7 in (302 x 120 x 779 mm) A 9 C 10 C 2 2 C 100 C 1.5 x 4.0 E 100 C 2.0 3 C 1.0 x 5.0 x 2.0 E 6 mm) A 9 C 10 C 100 C 1.0 x 1.0 x 2.0 E 6 mm) A 9 C 10 C 100 C 1.0 x 1.0 x 2.0 E 6 mm) A 9 C 10 C 100 C 1.0 x 1.0 x 2.0 E 6 mm) A 10 C 10 C 100 C 1.0 x 1.0 x 2.0 E 6 mm) A 10 C 10 C 10 C 10 C 10 C 1.0 x 1.0 x 2.0 X 2.0 X 2.0 X 2.0 X 2.0 X 2.0 E 6 mm) A 10 C 10	Operating temperature and humidity	-4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH	-4 °F to 122 °F (-20 °C to 50 °C), ≤ 80% RH
Pollution degree IP-rating IP-54 I	Storage temperature and humidity	-40 °F to 140 °F (-40 °C to 60 °C), \leq 90% RH	-40 °F to 140 °F (-40 °C to 60 °C), ≤ 80% RH
PF-rating PF-	Operating altitude	< 6561 ft (< 2000 m)	< 6561 ft (< 2000 m)
Drop proof 3.28 ft (1 m) Power supply Six (6) 1.5 V AA alkaline batteries Four (4) 1.5 V D cell alkaline batteries Auto power off Will auto turn off after 15 min of no button pressing – Battery life Approx. 35 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Low battery indication Active symbol in upper right corner of the live screen Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds Measurement Category CAT IV 600 V – Agency approval Elec 61010-1, IEC 61010-2-033 IEC 61010-1, CSA/UL 61010-1, CSA/UL 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads) Electromagnetic Compatibility IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] II This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] II This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. S			
Power supply Six (6) 1.5 V AA alkaline batteries Four (4) 1.5 V D cell alkaline batteries Four (4) 1.5 V D cell alkaline batteries Auto power off Will auto turn off after 15 min of no button pressing Approx. 35 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 13 hours at 70 °F (21 °C) (Typical) Approx. 14 hours at 70 °F (21 °C) (Typical) Approx. 15 seconds Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds Adency approval CAT IV 600 V - Agency approval Agency approval BEC 61010-1, IEC 61010-2-033 IEC 61010-1, IEC 61010-2-033 IEC 61010-1, CSA/UL 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads) IEC 61326-1 Korea (KCC): Class A Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Size (H x W x L) Approx. 11.9 x 4.7 x 30.7 in (302 x 120 x 779 mm) Approx. 18.1 x 3.5 x 2.6 in (460 x 90 x 65 mm)	•		IP54
Auto power off Battery life Approx. 35 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Approx. 12 hours at 70 °F (21 °C) (Typical) Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds Active symbol in upper right corner of the live screen Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds and aud	• • •	` ,	
### Auto power off ### Battery life ### Approx. 35 hours at 70 °F (21 °C) (Typical) ### Approx. 12 hours at 70 °F (21 °C) (Typical) ### Approx. 12 hours at 70 °F (21 °C) (Typical) ### Approx. 12 hours at 70 °F (21 °C) (Typical) ### Approx. 12 hours at 70 °F (21 °C) (Typical) ### Approx. 12 hours at 70 °F (21 °C) (Typical) ### Both LO and HI LEDs blink every 1.5 seconds	Power supply	()	Four (4) 1.5 V D cell alkaline batteries
Low battery indication Active symbol in upper right corner of the live screen Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds Measurement Category Agency approval Safety compliance CSA/UL 61010-1, IEC 61010-2-033 IEC 61010-1, IEC 61010-2-033 IEC 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads) IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Size (H x W x L) Approx. 11.9 x 4.7 x 30.7 in (302 x 120 x 779 mm) Both LO and HI LEDs blink every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds and audio sound pulses every 1.5 seconds BC 61010-1, CSA/UL 61010-	Auto power off	Will auto turn off after 15 min of no button pressing	-
Measurement Category Agency approval Safety compliance CSA/UL 61010-1, IEC 61010-2-033 Elec 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] Electromagnetic Compatibility Electromagnetic Compatibility Electromagnetic Size (H x W x L) Approx. 11.9 x 4.7 x 30.7 in (302 x 120 x 779 mm) Agency approval CAT IV 600 V - BEC 61010-1, Seconds Agency approval Elec 61010-1, IEC 61010-2-033 EC 61010-1, CSA/UL 61010-1, CSA/UL 61010-2-033 EC 61010-1, CSA/UL 61010-031 (test leads) IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Size (H x W x L) Approx. 11.9 x 4.7 x 30.7 in (302 x 120 x 779 mm) Approx. 18.1 x 3.5 x 2.6 in (460 x 90 x 65 mm)	Battery life	Approx. 35 hours at 70 °F (21 °C) (Typical)	, , , , ,
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Safety compliance IEC 61010-1, IEC 61010-2-033 IEC 61010-1, CSA/UL 61010-1, CSA/UL 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads)	Measurement Category	CAT IV 600 V	-
CSA/UL 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads) IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] Electromagnetic Compatibility Electromagnetic Equipment (Industrial Broadcasting & Communication Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Electromagnetic Compatibility Electromagnetic Equipment (Industrial Broadcasting & Communication Equipment) [1] Electromagnetic Equipment (Industrial Class A) electromagnetic wave equipment is intended for use in business environments and is not to be used in homes. Electromagnetic Equipment (Industrial Equipment) [1] Electromagnetic Equipment (Industrial Equipme	Agency approval	. © C € . △ . □ . □	.@ ; C € . & .
Electromagnetic Compatibility Electromagnetic Compatibility IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. IEC 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes. Size (H x W x L)	Safety compliance		
	Electromagnetic Compatibility	Communication Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be	Communication Équipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be
Weight Approx. 4.2 lb (1.9 kg) (batteries installed) Approx. 3.9 lb (1.77 kg) (batteries installed)	Size (H x W x L)	Approx. 11.9 x 4.7 x 30.7 in (302 x 120 x 779 mm)	Approx. 18.1 x 3.5 x 2.6 in (460 x 90 x 65 mm)
	, ,	, ,	, , , , , , , , , , , , , , , , , , , ,

TL-UAT-500 Test Leads

	TL-UAT-500 Test Leads
Operating voltage and current	50 V max, 1 A
Leads length	11.5 ft (3.5 m)
Compatible transmitter	UAT-500-T Transmitter
Operating temperature and humidity	-4 °F to 122 °F (-20 °C to 50 °C), ≤ 80% RH
Storage temperature and humidity	-40 °F to 140 °F (-40 °C to 60 °C), ≤ 80% RH
Operating altitude	< 6561 ft (< 2000 m)
Pollution degree	2
Agency approval	.Œ.; C€
Safety compliance	IEC 61010-031, CSA/UL 61010-031
Size (H x W x L)	Approx. 9 x 3.5 x 3.1 in (230 x 90 x 80 mm)
Weight	Approx. 1.1 lb (0.5 kg)

TL-UAT-500 Test Leads Kit includes: Green test lead with detachable green alligator clip, Gray test lead with permanently attached gray alligator clip, Ground stake



Optional Accessories

AF-600 A-Frame ground fault locator, UAT-600-T Transmitter, SC-600 Signal clamp, TL-600-25M Extension test lead



AF-600 A-Frame Ground Fault Locator

- · Identify any point of leakage around a cable
- Locate cable and wire ground faults, sheath faults or pipeline coating defects, where the utility is in direct contact with the ground
- · Find the exact point where metal is touching the ground and power is leaking, ie, a shield is rusted or a rubber buffer is broken, creating noise on a cable
- Advanced technology and digital signal processing makes pinpointing process fast, accurate and clear:
 - Compass guidance with numeric fault field strength indicates the direction of the fault
 - Distance sensitive left and right arrows guides the user to precisely follow the path of the buried utility Automatic gain control quickly
- detects tracing signal and precisely adjusts the A-Frame sensitivity
- Adjustable volume controls

	AF-600 A-Frame
Tracing mode (de-energized)	8 kHz
Locating mode	Ground fault locating
Sensitivity (typical)	Cable locate mode at 1 meter depth: 10 uA Fault locate mode: up to 2 MΩ fault
Display backlight	Automatic
Audio indication	Speaker indicates left/right by pulsed/ continuous tone
Compatible transmitter	UAT-600-T Transmitter
Display	1.28 in, 128 x 128 BW outdoor LCD display with auto backlight
Update rate	Instantaneous
Operating temperature and humidity	-4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH
Storage temperature and humidity	-40 °F to 140 °F (-40 °C to 60 °C), ≤90% RH
Operating altitude	< 6561 ft (< 2000 m)
Pollution degree	2
Water and dust resistance	IP54
Drop proof	3.28 ft (1 m)
Power supply	(6) 1.5 V AA alkaline batteries
Auto power off	15 minutes idle
Battery life	Approx. 60 hours at 70 °F (21 °C) (Typical)
Certifications	.© ₂ C € .
Safety compliance	IEC 61010-1, CSA/UL 61010-1
Size (H x W x L)	Approx. 14 x 9 x 4.7 in (355 x 230 x 120 mm)
Weight	Approx. 4.2 lb (1.9 kg) (batteries installed)

AF-600 A-Frame includes: A-Frame Receiver, (6) 1.5 V AA (IEC LR6) Batteries, Carrying Case, User Manual



UAT-600-T Transmitter

This intuitive Transmitter automatically chooses the correct locating function based on the connected accessory and includes selectable 8/33 kHz frequencies.

	UAT-600-T Transmitter
Measurement category	CAT IV 600 V
Operating voltage/current	0 to 600 V
Operating frequency/tracing modes	Energized circuit Induction mode: 33 kHz Direct connection modes: 8 kHz and 33 kHz Clamp mode: 8 kHz and 33 kHz De-Energized circuit Induction mode: 33 kHz Direct connection modes: 8 kHz, 33 kHz, A-Lo/A-Hi A-Frame: 8 kHz Clamp mode: 8 kHz and 33 kHz
Transmitting mode power output	Max. 3 watts
Output voltage	Max. 50 V rms
Output current	Max. 250 mA rms, constant current in 5 steps
Mains voltage measurement	0 V to 600 V, 50 Hz to 60 Hz Resolution: 1 V, Accuracy: ± 10%
Resistance measurement (De-energized circuit)	0 Ω to 999 k Ω Range: 0 Ω to 999 Ω (resolution: 5 Ω) Range: 1 k Ω to 999 k Ω (resolution: 1 k Ω) Accuracy: ± 10%
Output hazardous voltage warning	≥ 30 V rms
Mains hazardous voltage warning	≥ 30 V rms
Operating temperature and humidity	-4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH
Storage temperature and humidity	-40 °F to 140 °F (-40 °C to 60 °C), ≤90% RH
Operating altitude	< 6561 ft (< 2000 m)
Pollution degree	2
Water and dust resistance	IP54
Drop proof	3.28 ft (1 m)
Certifications	. © :. C € .
Safety compliance	IEC 61010-1, IEC 61010-2-033 CSA/UL 61010-1, CSA/UL 61010-2-033 IEC 61010-031, CSA/UL 61010-031 (test leads)
Size (H x W x L)	Approx. 14 x 9 x 4.7 in (355 x 230 x 120 mm)
Weight	Approx. 7.0 lb (3.2 kg) (batteries installed)

SC-600 Signal Clamp

The Signal Clamp accessory provides an efficient and safe method of applying a locate signal to a cable, enabling the Transmitter to induce a signal through the insulation into the wires or pipes. The clamp works on low impedance closed circuits only.

	SC-600 Signal Clamp
Measurement category	CAT IV 600 V
Operating voltage/current	0 to 600 V, 100 A max.
Operating frequency/tracing modes	33 kHz and 8 kHz
Signal voltage output (nominal)	23 V rms at 8 kHz, 30 V rms at 33 kHz
Operating temperature and humidity	-4 °F to 122 °F (-20 °C to 50 °C), ≤90% RH
Storage temperature and humidity	-40 °F to 140 °F (-40 °C to 60 °C), ≤90% RH
Operating altitude	< 6561 ft (< 2000 m)
Pollution degree	2
Water and dust resistance	IP54
Drop proof	3.28 ft (1 m)
Certifications	. @ ; C € .
Safety compliance	IEC 61010-1, IEC 61010-2-033 CSA/UL 61010-1, CSA/UL 61010-2-033
Size (H x W x L)	Approx. 11.6 x 7.1 x 1.4 in (295 x 180 x 37 mm)
Weight	Approx. 1.9 lb (0.85 kg)

TL-600-25M Test Lead Extension

	TL-600-25M
Description	Extension test lead, 80' (25 m)

