

AMPROBE®

New Product Announcement

Date: October 9, 2018



Amprobe UAT-600 Series Underground Utility Locator

*Find utilities **before** you dig.*

Accidentally hitting a utility line during a project can lead to costly repairs and create hazardous public safety situations. Digging in the wrong place can also lead to unnecessary delays and costs for your project, and ultimately, your company. Avoid this disruption with the best-in-class rugged and durable Amprobe UAT-600 Series, designed to accurately pinpoint underground utilities and buried services up to 20 feet deep. Multiple tracing modes allow you to locate and trace energized and de-energized utilities in a variety of applications. The intuitive Transmitter automatically chooses the correct locating function based on the connected accessory and features selectable 8/33 kHz frequencies. The display on the Receiver is high-contrast for clear viewing in full sunlight with an auto-backlight for shaded and dark areas. The CAT IV 600 V rating ensures safety when working with energized cables. For tracing jobs when it is not possible or safe to make electrical contact with a cable, use the Signal Clamp (included with the UAT-620, optional for the UAT-610) to reliably apply a locate signal.

Key customers:

- Utility Contractor
- Electrical Contractor
- General Contractor
- Facility Maintenance
- Plumbing Contractor
- Residential Construction
- Locating Contractor
- Cable TV Provider
- Commercial Roofer
- Excavating Contractor
- Farm Irrigation
- Gas & Electric Companies
- Hospitals
- Manufacturing Plants
- Municipalities: Water, Sewer & Electric Systems
- Oil Industry Contractors
- Telephone Companies
- Power Plants



Product adjacencies:

- Armada Pro871C
- Greenlee 501
- Schonstedt CL300
- RJM Precision RD8100 (PTLG-Locator)
- Subsurface PL-960 AC
- RIDGID SR-24 Receiver/ST-305 Transmitter

Features

- Safety rated to CAT IV 600 V for work with energized cables
- Locates underground energized and de-energized wires, cables and pipes, eliminates exploratory digging for buried cables and pipes
- Precise pinpointing of buried services and exceptionally fast sound and meter response
- Comes as a complete kit ready for use
- Advanced technology and digital signal processing makes tracing much faster, accurate and unambiguous when compared to standard locators:
 - Distance sensitive left/right guidance guides the user to the exact location of the buried utilities and eliminates “blind” searches for the line
 - Semi-automatic gain control quickly detects tracing signal and allows precise adjustment of the receiver sensitivity
 - Overhead signal, noisy signal and shallow utility warnings
- Hi-contrast display on the Receiver for clear viewing in full sunlight and an auto-backlight for shaded and dark areas
- Depth measurements:
 - Strong testing signal generated by 10-watt variable output Transmitter for dependable depth and distance locating
 - Active mode depth measurement up to 20 ft (6 m)
- Rugged, durable construction: water and dust resistant to IP54 and drop proof to 3.28 ft (1 m)
- Ground fault locating with optional A-Frame receiver for power and telecom cables



Applications

Application	Receiver Setting	Transmitter Setting	Note
Locating energized 50/60Hz cables carrying current	Power Mode (50 Hz or 60 Hz)	No Transmitter Needed	Receiver will detect signal from any energized 50/60 Hz cable carrying current
Identifying location all metallic utilities: pipes*, energized and de-energized cables	Radio Mode	Induction Mode	Receiver will detect multiple utilities conducting the signal
Tracing individual pipe or cable (energized or de-energized)	33 kHz	Direct test lead connection	Receiver will detect signal only from individual cable/pipe connected to the Transmitter
		Clamp	
Fault locating	Use A-Frame	Direct test lead connection, A-Lo or	A-Frame will pinpoint the

		A-Hi	place of the fault
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*Tracing of non-metallic pipes and conduits is possible after inserting metal fish tape or cable



UAT-600 Package Contents

The UAT-600 Series consists of 2 kits: UAT-610 and UAT-620



Included:	UAT-610	UAT-620
UAT-600-R Receiver	1	1
UAT-600-T Transmitter	1	1
CC-UAT-600 Carrying Case	1	1
TL-UAT-600 Test Leads Kit*	1	1
FP-UAT-600 Replacement Fuse	2	2
User Manual	1	1
Quick Reference Guide	1	1
1.5 V AA (IEC LR6) Batteries (Receiver)	6	6
D-Cell Batteries (Transmitter)	8	8

SC-600 Signal Clamp	-	1
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*TL-UAT-600 Test Leads Kit includes:

- Black test lead with detachable black alligator clip
- Red test lead with permanently attached red alligator clip
- Ground stake

Optional Accessories:	Description
AF-600*	A-Frame fault locator to pinpoint ground faults where current is leaking to ground
BR-600-R	Rechargeable battery for Receiver
BR-600-T	Rechargeable battery for Transmitter
EPS-600	2-port charger for Receiver and Transmitter batteries
TL-7000-25M	Extension test lead, 80' (25 m)

*AF-600 includes:

- A-Frame Receiver
- (6) 1.5 V AA (IEC LR6) Batteries
- Carrying Case
- User Manual

Service Plan

Limited Warranty and Limitation of Liability

Your Amprobe product will be free from defects in material and workmanship for one year from the date of purchase unless local laws require otherwise. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on the behalf of Amprobe. To obtain service during the warranty period, return the product with proof of purchase to an authorized Amprobe Service Center or to an Amprobe dealer or distributor. See Repair Section for details. THIS WARRANTY IS YOUR ONLY REMEDY. ALL OTHER WARRANTIES - WHETHER EXPRESS, IMPLIED OR STATUTORY - INCLUDING IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, ARE HEREBY DISCLAIMED. MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY. Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

Ordering Information

Model	Product Number	Description	UPC Code	US List Price	Harmonized Code	ECCN Number	Country of Origin
UAT-6 10	4994380	Underground Utility Locator Kit	0 95969 87371 0	\$3,995	9030.39.01.00	3A992	China
UAT-6 20	4994398	Underground Utility Locator Kit w/ Clamp	0 95969 87372 7	\$4,495	9030.39.01.00	3A992	China
AF-60 0	4994405	A-Frame Fault Locator	0 95969 87373 4	\$1,999	9030.39.01.00	3A992	China

Dimensions

UAT-610 dimensions				Product package dimensions			
Length	Width	Height	Weight	Length	Width	Height	Weight
34"	14.5"	10"	21.8 lb	34"	16"	11.25"	31.1 lb

UAT-620 dimensions				Product package dimensions			
Length	Width	Height	Weight	Length	Width	Height	Weight
34"	14.5"	10"	30.4 lb	34"	16"	11.25"	33.4 lb

AF-600 dimensions				Product package dimensions			
Length	Width	Height	Weight	Length	Width	Height	Weight
31"	3"	26"	7.2 lb	31"	3.4"	30.9"	10.7 lb

Introduction Schedule

Open for orders: October 30, 2018

Available to promise/lead time: 30 days

Public embargo: November 6, 2018

Launch window: 4

Should you have any questions regarding this Product Announcement, please contact us at 877-AMPROBE (267-7623) or info@amprobe.com.