

# ULTRA-TRAC® APL

ACOUSTIC PIPE LOCATOR

Locates  
Plastic Pipe!



ULTRA-TRAC® APL finds unmarked underground pipe fast and accurately!

MADE IN THE USA  
WITH GLOBALLY SOURCED COMPONENTS

**SENSIT**  
Technologies

Innovative Detection Solutions

[www.gasleaksensors.com](http://www.gasleaksensors.com)

# ULTRA-TRAC® APL

Acoustic Pipe Locator (APL) finds unmarked underground pipe, reducing potential third party damages.

ULTRA-TRAC® APL is the perfect choice for accurately locating unmarked buried piping systems. APL finds plastic pipe systems and other pipelines with broken or missing tracer wire. Natural gas, water and sewer laterals are easily traced with no system access required!

The APL Tablet application processes and converts acoustic data into a graphical format to determine pipe location.

ULTRA-TRAC® APL is

- Rugged
- Easy to Use
- Easy to Interpret

## Standard Features:

- Large Graphic Display
- 25 Hour Recharge Battery Life
- Compact Storage



## Types of Materials Located:

- Gas Piping
- Gathering Lines
- Sewer Laterals
- Water Lines
- Drainage Lines
- Electrical Conduit
- Fiber Optic Conduit
- Plastic Pipe
- Metallic Pipe
- Concrete Pipe
- Cast Iron
- Ductile Iron
- Clay Tile
- And more



## Soil Types & Coverings:

- Grass
- Asphalt
- Gravel
- Concrete
- And more



Locate Plastic Gas Pipe!



## DETECTION SPECIFICATIONS

### Optimal Detection Range

Locates 1/2" pipe at a depth of 12" to 30."

Locates 2" pipe at a depth of 12" to 48."

Locates 4" pipe at a depth of 12" to 96."

The APL will not detect objects less than 12" deep.

Accuracy is within  $\pm 18"$  plus the selected slice distance from pipe location

Detects any pipe material (Does not indicate type of pipe or size of pipe)

## SPECIFICATIONS

Size (inches): Handle 48; Base 20" X 10" X 10" (L x W x H)  
 Weight: 26 LBS  
 Operational Temp: - 4°F to 122°F (-20°C to 50°C)  
 Storage Temp: -20°F to 140°F (-29°C to 60°C)

Battery life: Base: 25 hours  
 Tablet: 6 hours

Battery Type: Base: 16vdc Lithium-ion  
 Tablet: 7.4vdc Lithium-ion

Recharge Time: Base: 10 hours  
 Tablet: 3 hour

Time Per Slice: <2 seconds  
 Time Per 20 Slice Scan: <2 minutes



## STANDARD KIT

ULTRA-TRAC APL  
 Carrying Case  
 Recharge Adapter  
 Measuring Tape  
 Instruction Manual  
 Quick Start Guide

## ULTRA-TRAC® APL Replacement Part Numbers

Carrying Case	Part # 872-00016
Recharge Wall Adapter	Part # 871-00029
Measuring Tape	Part # 360-00342
APL Instruction Manual	Part # 750-00072
APL Quick Start Guide	Part # 750-00073
APL Tablet PC	Part # 360-00487
Tablet Support Bracket Assembly	Part # 870-00087
USB Cable	Part # 360-00500
APL Dampening Pads	Part # 320-00061
Actuator Plate	Part # 360-00326
Accelerometer Housing	Part # 360-00320

## ULTRA-TRAC® APL - Quick Start Instructions

1. Press and Hold the APL power button until the light begins to flash. Once initialized, the APL power button will glow solid green.
2. Power on the tablet by pressing the tablet power button.
3. The APL application will automatically start. When loading, the SENSIT logo will be displayed.
4. Click the grey "Connect to APL" button. Once connected, the button will turn green.
5. On the bottom right hand corner of the screen, select job settings based on site conditions.
6. Select surface type; Hard or Soft. Site conditions will determine the proper setting. If unsure, consult the manual.
7. Select the suspected depth of the target line, based on system knowledge. If between 12" and 5' deep, select Normal mode. If the line is suspected to be greater than 5' in depth, select Deep.
8. Select scan direction. If stepping to the left, click the left arrow. If stepping to the right, click the right arrow.
9. Select step distance; either 6" or 12". If no known surface structures are present, select 12". If scanning at a surface structure, select 6" for a high resolution scan. (6" interval is used for a higher resolution scan and is recommended for most applications.)
10. When the menu displays "Ready for reading," the APL is ready to collect data. User settings will be displayed at the top of the screen. The APL is now ready to begin a scan.

**Instruction Videos available at [www.gasleaksensors.com](http://www.gasleaksensors.com)**



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SENSIT Technologies  
is in compliance with ISO 9001:2008



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