## ULTRA-TRAC<sup>®</sup> APL

Locates Plastic Pipe!

### ULTRA-TRAC<sup>®</sup> APL 12in STEPS → NU H . III) 1 pipe found: ENSIT 20 ms - 24 C 72 in 24 48 72 96 120 -MAX 3 PIPES NEW SCAN ALE: NORM A в C

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



Innovative Detection Solutions

www.gasleaksensors.com

# **ULTRA-TRAC® APL**

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

ULTRA-TRAC<sup>®</sup> 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!



#### **Standard Features:**

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



#### **Types of Materials Located:** • Plastic Pipe

- Gas Piping
- Gathering Lines
- Sewer Laterals
- Water Lines
- Drainage Lines
- Ductile Iron Electrical Conduit
  - Clay Tile

Cast Iron

• Metallic Pipe • Concrete Pipe

• Fiber Optic Conduit



#### Soil Types & Coverings:

- Grass • Asphalt
- Gravel Concrete





#### **DETECTION SPECIFICATIONS**

#### **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 ±18" plus the selected slice distance from pipe location Multiple pipes close together can cause inaccurate readings for target pipe Detects up to five pipes per scan Does not measure depth Detects any pipe material (Does not indicate type of pipe or size of pipe)

#### **APL PRODUCT SPECIFICATIONS**

Size: Weight: Operational Temp: Storage Temp: Battery Life: Battery type: Recharge time: Time per slice: Time per 20 slice scan: Handle 4' Base  $20'' \times 10'' \times 10''$  (L x W x H) 20lbs -4°F to 122°F (-20°C to 50°C) -20°F to 140°F (-28.9°C to 60°C) 25 hrs 14vdc Lithium-ion 10 hours <5 seconds <2 minutes

#### **TABLET PC PRODUCT SPECIFICATIONS**

Battery type: Battery Life:

Li-Ion battery (7.4V, 4200mAH) Up to 8 hrs



#### **STANDARD KIT**

**OPTIONAL FEATURES** 

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

#### Contour Mapping Application

Tablet Computer with Mounting Kit 3D Pipe Mapping Software and Instruction Videos



#### **APL Contour Mapping Application & 3D Pipe** Mapping Software allow

the user access to a more comprehensive collection of data in order to determine pipe locations and rule out "false positive" readings.

The user can view data in a graphical format that more accurately represents the acoustic profile of the ground beneath them.

#### Available in three configurations, the Ultra-Trac APL has the right technology for your application.

1) Ultra-Trac APL: data from scans is shown on the APL's on-board graphic display. The user will see signal strength readings after each scan to provide approximate locations for pipes found. Part # 926-00000-01

Included with all instruments: Storage Case, Recharge Wall Adapter, Measuring Tape, Instruction Manual, Quick Start Guide





2) Contour Mapping Application (Software Sold Seperately): Contour Mapping allows the user to download additional data from the APL to an SD Card for viewing on any Windows PC. The Contour Mapping software stores and generates 2D image files of individual scans for an enhanced visualization of the data and improved analysis. Part # 500-APLCM-01

3) Ultra-Trac APL with 3D Pipe Mapping Software: available only with SENSIT's optional tablet, 3D Pipe Mapping provides the user with the same features as Contour Mapping software but adds another dimension. 3D Pipe Mapping links the APL to an on-board tablet, which gives the user the ability to view multiple scans in a three dimensional

portrayal of the data collected during the survey - all on site and in real time! 3D Pipe Mapping Improves efficiency, reduces false positives, and enhances performance. Part # 926-00000-03

Ultra-Trac® APL with 3D Pipe Mapping Software includes: APL Tablet PC, APL 3D Pipe Mapping Application, Tablet Mounting Hardware, Instruction Videos

#### **ULTRA-TRAC® APL Replacement Part Numbers**

Storage Case	Part # 872-00016
Recharge Wall Adapter	Part # 871-00029
Measuring Tape	Part # 360-00342
APL Acoustic Pads	Part # 320-00061
APL Instruction Manual	Part # 750-00054
APL Quick Start Guide	Part # 750-00055
APL Tablet PC	Part # 360-00487
APL Tablet PC and Mounting Kit	Part # 870-00077
APL Mounting Kit	Part # 870-00079
APL Cable	Part # 360-00488
APL Contour Mapping Application	Part # 500-APLCM-01



851 Transport Drive Valparaiso, IN 46383-8432

Phone: 888 4SENSIT 888 473 6748 219 465 2700

Fax: 219 465 2701 www.gasleaksensors.com



**SENSIT** Technologies is in compliance with ISO 9001:2008





mat's below.

Call before you dig

#### **ULTRA-TRAC® APL - Quick Start Instructions**

- Press and hold the power button until the display illuminates. Display will remain blank for 10-15 seconds during start up prior to displaying Sensit logo followed by "Select a depth".
- 2. Place measuring device in desired test area. For best results limit the test length (scan) to 10ft.
- Using the A or C button select test depth. Deep is greater 3. than 5ft. Normal is up to 5ft.
- Using the A or C button select a scan direction. Step to Left or 4. Step to Right.
- 5 Using the A or C button select a step distance. 6 or 12 inches. For softer surfaces and/or shallow depths us 6 inch distances
- Place instrument on ground adjacent to the first mark on your 6. measuring device.
- 7. Place foot on footpad.
- 8. Push the handle firmly forward.
- Press and release the large black scan button at the top of the 9 handle (just below the control box).
- 10. Move to the next test location (slice) adjacent to the next 6 or 12 inch mark on the measuring device.
- 11. Repeat steps 7-10 until scan distance has been completed.
- 12. Press the C button to review the "Pipe Map".
- 13. Mark the locations on the ground adjacent to the measuring device as shown on the APL.
- 14. Move measuring device forward or backward 6-10 ft away from current location.

Repeat steps 6-13.

- 15. Repeat scan process as needed to mark location.
- 16. Review marks to determine direction of pipe.
- 17. To turn off hold the power button until the display turns off (after 5 beeps).

Instruction Videos available at www.gasleaksensors.com

#### Distributed by: