

# Superior Signal

# AccuTrak<sup>®</sup> VPE-1000

## Low Cost Digital!

## Ultrasonic Inspection System



When powerful performance is needed and budgets are limited choose the versatile VPE-1000. It is the first low cost digital ultrasonic detector, offering extraordinary features at a fraction of the cost of other ultrasonic instruments.

The AccuTrak model VPE-1000 is extremely sensitive to the ultrasonic *sound* of leaks and friction in industrial systems. By using a technique called "heterodyning" it *translates* the ultrasound to a lower frequency which our ears can interpret. The AccuTrak is so sensitive it can hear the blink of an eye, yet most background noise will not interfere with detection accuracy. Patented technology uses a microcomputer and digital circuitry making AccuTrak the most accurate and repeatable ultrasonic inspection instrument available in its class.

## Applications

The VPE-1000 is perfect for schools, hospitals, hotels, and other large institutional or industrial environments. Use for a variety of leak detection and plant maintenance applications...

### **Steam Trap Testing**

Detect live steam loss in seconds!

### **Leak Detection**

Air, Vacuum, Refrigerants; ANY Gas!

### **Detect Bearing Wear**

Set baselines, trend increases, hear wear and lubrication problems!

### **Valve Testing**

Detect/Hear internal leakage!

## Features

Unbelievable features at an extraordinary price, the VPE-1000 offers...

### **Digital LED Indicators**

Both Alphanumeric and Bargraph!

### **Digital Peak Hold**

Holds highest level for easy readability!

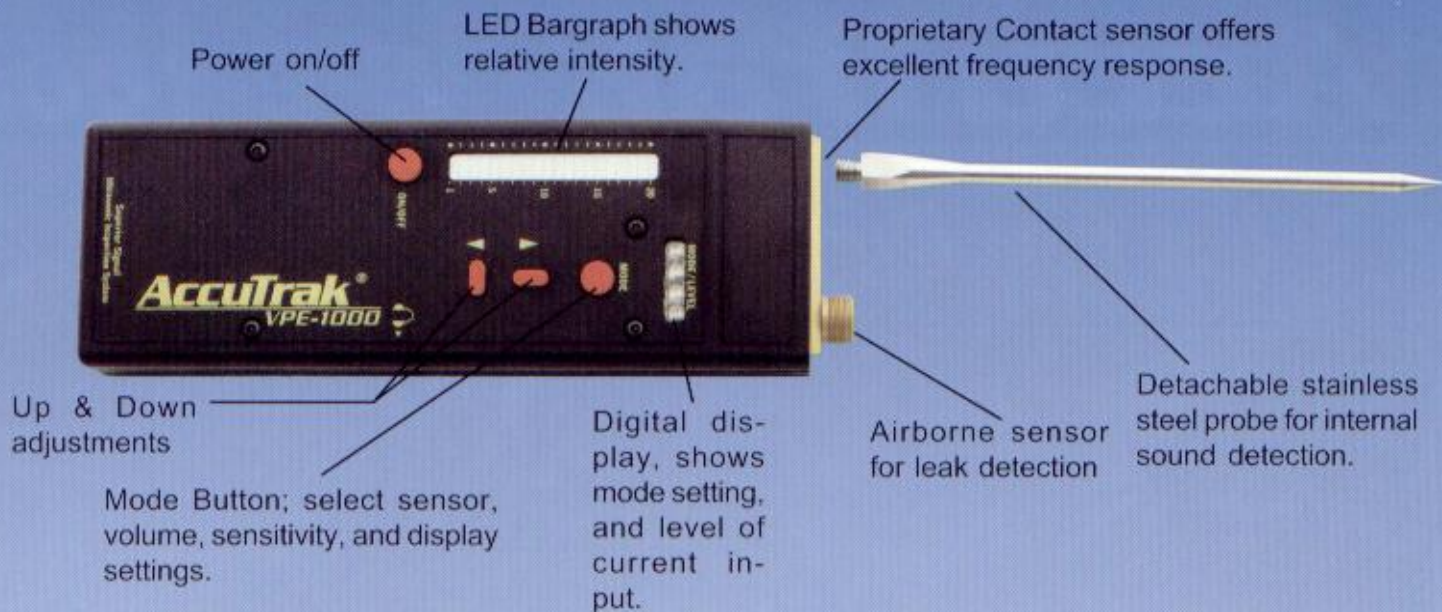
### **Separate Volume/Sensitivity**

Independent controls allow you to "Zoom" into sounds in noisy areas!

### **Dual Sensors**

Each with excellent frequency response, and independent settings held in memory!

# FEATURES



## The VPE-1000 includes...



Detector, touchprobe & waveguide attachments, comfortable over the ear headset, battery, owner's manual, and instructional video tape. All in a hard shell padded case.

## Also Available...



**AccuTrak Model VPE** offers high sensitivity & great sound quality in a compact package designed for one hand operation. Includes flexible waveguide for hard to reach areas, and hard molded carrying case.

**Important features:** Low cost and highly sensitive, Small and simple to use, runs on 9v battery, patented technology, classic heterodyne detector, designed for use in areas of low to moderate background noise.

## Warranty

*The AccuTrak VPE-1000 is warranted for one year to be free of manufacturing defects, however the first 30 days are unconditional! If you don't think the AccuTrak is valuable to your business simply return it (in good condition of course) for a full credit or refund!*

## Specifications

### Physical

Size: 7.06" x 2.39" x .84"  
 Weight: .60 lbs.  
 Construction: Durable ABS & anodized aluminum  
 Touchprobe: 6in. solid stainless steel  
 Headset: stereo, over the ear style  
 Carry Case: Hardshell, with foam inserts

### Displays

LED Bargraph: Intense 20 element with peak-hold  
 Alphanumeric: 4 element with selectable modes; off, continuous, and peak-hold

### Power Requirements

Battery: 9 volt cell  
 Low Batt. Indicator: Flashing "BATT" in display  
 Battery Life: 8 hrs.

### Modes

Volume, Sensitivity, Peak-Hold, Sensor Select and more.

### Performance

#### Sensitivity

Airborne Sensor: -80dB/v/μbar

#### Frequency Ranges

Airborne Sensor: 36kHz to 42kHz, center  
 Touchprobe Sensor: 18kHz to 22kHz, center

**Superior Signal Company, Inc.**

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