

# 2 Introduction

## General Description

The Tru Pointe® Ultra Ultrasonic Leak Detector is an electronic instrument that detects the inaudible high frequency sound (ultrasound) of high pressure leaks and converts it to sound a human can hear. Using patented technology, the Tru Pointe® Ultra guides the user to a leak by quantifying the intensity of the ultrasound and converting it to sound the user can easily hear.

The Tru Pointe® Ultra has been specifically designed for air conditioning and refrigeration (HVAC-R) leak detection. The Tru Pointe® Ultra is the only test system that can simultaneously detect the vacuum and high pressure leaks that can occur in HVAC-R systems. Since the instrument detects only sound, it is gas-independent and can be used to detect leaks at the speed of sound, without the delay seen with gas dependent “sniffers.”

## What’s in the Kit

### 0028-8000

#### Tru Pointe® Ultra Kit

Tru Pointe® Ultra .....	0028-7000
Instruction Manual .....	0028-9000
Carrying Case.....	0028-0005
6" Wave Guide.....	0028-0004
Touch Probe .....	0028-0003
Folding Hi-Fi Headset	
w/ Volume Control .....	0028-0002
9v Battery .....	0204-0024
Warranty Card .....	0006-8825

### 0028-8010

#### Tru Pointe® Ultra Kit w/ SoundBlaster®

Tru Pointe® Ultra .....	0028-7000
SoundBlaster® .....	0028-7006
Instruction Manual .....	0028-9000
Carrying Case.....	0028-0005
6" Wave Guide.....	0028-0004
Touch Probe .....	0028-0003
Folding Hi-Fi Headset	
w/ Volume Control .....	0028-0002
9v Battery .....	0204-0024
Warranty Card .....	0006-8825

## Features

- Capable of detecting a 5 psi leak from a .005" hole from 20-30 feet (depending on background noise).
- Capable of detecting any gas that generates ultrasonic sound during flow, including vacuum leaks.
- Not affected by wind or high concentrations of leaked refrigerants.
- SoundBlaster® allows testing of items not under pressure. (0028-8010 only)