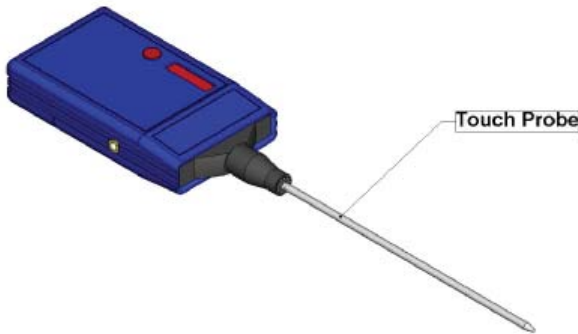


# Using the Touch Probe



The patented Touch Probe accessory is a device that converts solid-borne sounds into airborne sound the Tru Pointe® Ultra can detect. For example, the sound of an internal leak in a water valve will travel to its surface. Touching the surface of the valve with the Touch Probe transfers the ultrasound into the probe and converts it to airborne ultrasound.

To install the Touch Probe:

1. Unscrew the nose cone from the Tru Pointe® Ultra.
2. Screw the Touch Probe onto the sensor.
3. The Tru Pointe® Ultra is now ready to detect solid-borne sound.

## Thermal Expansion Valves (TXV)

The following steps can be used to detect leaks in a TXV using the Touch Probe.

1. Have a glass of ice water ready.
2. Remove the TXV capillary tube.
3. Rest the Touch Probe of the Tru Pointe® Ultra on the TXV and listen. Hold the capillary. The TXV should open and the sound of flowing refrigerant should be heard.
4. Place the capillary in the ice water. The TXV should close and the refrigerant flow diminishing should be heard. If the flow binds or makes too much noise, there may be a problem with the system.