



# S30 Surveyor

## Leak noise amplification system

The S30 surveyor is a leak noise amplification system. An operator using the S30 can listen at various contact points (valves, hydrants etc.) to determine whether or not the pipe is leaking.

To do this, the operator places the AX80 sensor in contact with any access point in the distribution system. When the S30 is turned on, the console amplifies the sound so that the user can hear the noise through the supplied aviator quality headphones. The analog meter gives an indication of the noise intensity in the pipe and, by listening at several points in a given area, an operator can localize the general location of a leak.



### Key Features and Benefits

- **Meter backlight:** Allows for enhanced viewing at night
- **Manual volume control:** Provides full control over volume levels to enhance listening
- **Aviator quality headphones:** Provides for optimum sound quality, ensuring that the maximum number of leaks are heard
- **Excellent acoustic performance:** Microphone allows for superior sound quality due to the windproof housing
- **Lightweight console:** Comfortable to use for several hours at a time
- **Push button on/off:** Allows for easy operation with gloves on
- **Backed by FCS:** Full one year on parts and labor
- **Custom suitcase with belt:** Protects equipment for easy carrying

### Applications

The S30 can also be used in a similar way to a ground microphone.

By attaching the surface sounding plate to the AX80, the user can run the AX80 along the ground above the pipe. By using the S30 to locate the spot where the noise is loudest, the operator can pinpoint the location of the leak.

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

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

# S30 Surveyor

## Leak noise amplification system

### Features

Dimensions	Width 4" Depth 1.5" Length 7.5"
Weight	1.8 lbs
Gain Control	Manual
Power Supply	2 - 9 V/G
Meter	Analog w/backlight
Accelerometer Sensitivity	12 V/G
Frequency Response	30 Hz to 5 kHz (-3dB)
Warranty	1 year parts and labor



Fluid Conservation  
Systems

All Images, text and designs are protected by international and UK copy write law, and remain the property of FCS. It is against the law to copy or use any of the content from FCS website or literature without the written consent of FCS. FCS Reserve the right to vary the specification. **Issue 1.06:2017**

### Fluid Conservation Systems

502 TechneCenter Drive, Suite B  
Milford, OH 45150

Tel: 513-831-9335  
Fax: 513-831-9336  
Email: [sales@fluidconservation.com](mailto:sales@fluidconservation.com)

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

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