



S30 System

Leak Noise Amplification System

The S30 System is a leak noise amplification system. An operator using the S30 can listen at various contact points (valves, hydrants etc.) to determine whether a 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 identify the general location of the 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:** Provide 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 warranty on parts and labor
- **Custom Suitcase with Belt:** Protects equipment for easy carrying



Applications

The S30 System can also be used as 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

S30 System

Leak Noise Amplification System

Features

Dimensions	Width 4" Depth 1.5" Length 7.5"
Weight	1.8 lb
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
Warrenty	1 year parts and labor

System Includes

S30 amplifier console
Belt case
Aviator quality headphones
AX80 sensor assembly & cable
Surface sounding plate
3 piece sectional probe rod set
Fiberglass storage case
Magnet on sensor for strong coupling to valve or hydrant
10ft cable with military specification connection (water proof on sensor end)

How is the S30 System used?

- Downtown leak survey on main valve.
- Residential leak survey.
- Leak pinpointing by surface sounding.

Why we love it.

Developed and made in our US repair shop, the S30 System is constructed for the purpose of listening to pure leak sound.

It's user friendly design, clear graphics, and portability make it a go to device for both new and seasoned utility professionals.



The North American **HWM** partner.
A **Halma** company.

All images, text and designs are protected by international and UK copyright law and remain the property of HWM. It is against the law to copy or use and of the content from HWM website or literature without the written consent of HWM. HWM Ltd. reserve the right to vary the specification.



Fluid Conservation Systems

502 TechneCenter Drive
Suite B
Milford, OH 45150
United States

Tel: +1 513 831 9335
Email: sales@fluidconservation.com
Web: www.fluidconservation.com

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL