ACOUSTIC LEAK DETECTION

PQWT-L50 Indoor Pipeline Water Leak Detector

An intelligent acoustic leak detector with two interchangeable sensors. It collects and analyses leak sound signals and shows them as a visual spectrum, so you can pinpoint leaks in pressure, fire and floor-heating pipes hidden behind floors, walls and cabinets.



2	0.5 m	0.001 mV	2 modes
Sensors	**Detection depth**	**Resolution**	**Operation**
Triangular and square, for different surfaces	Close-range indoor detection, 0 to 0.5 m	High-precision signal measurement	General detection and locating mode

Key Features

- Visual spectrum display on a touchscreen LCD
- Headphone output to listen to the leak sound
- Combine listening and observing to find the leak point
- Rechargeable battery for portable use
- Multilingual interface

Applications

- Pressure water pipes
- Fire-fighting water pipes
- Floor-heating pipes
- Pipes under floors, inside walls and cabinets
- Plant buildings, offices, colonies and facilities

Request a quotation
Supplier: RS Enterprises

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Technical Specifications

PQWT-L50 Indoor Pipeline Water Leak Detector, manufactured by Hunan Puqi Geologic Exploration Equipment Institute, China.

Parameter	Specification
Model	PQWT-L50
Type	Acoustic indoor pipeline water leak detector
Sensors	2 sensors: triangular (vertical) and square (horizontal)
Detection depth	0 to 0.5 m
Measurement resolution	0.001 mV
Frequency range	1 to 10,000 Hz
Operating modes	General detection mode, locating mode
Display	Touchscreen LCD with visual leak spectrum
Audio	Headphone output for listening to leak sound
Power supply	12 V rechargeable lithium-ion battery; input power approx. 2 W
Operating temperature	-20 °C to +50 °C
Weight	Host unit 0.7 kg; gross shipping weight approx. 8 kg
Interface languages	Multilingual, including English, Spanish, French, Arabic, Turkish and Italian
Origin	Hunan, China
HS code	9031809090

How It Works

The sensor picks up the sound of escaping water. The host unit processes the signal and shows it as a spectrum on the screen. The leak point is found by combining the sound heard in the headphones with the spectrum seen on the display.

Typical Scope of Supply

- Host unit with touchscreen
- Triangular sensor and square sensor
- Headphones
- Charger and cable
- Carrying case and user manual

Specifications are compiled from manufacturer and distributor listings and may change without notice. Please confirm final specifications and scope of supply at the time of order.

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