Technical Specifications

Specificatons				
Models	UT662B	UT662C	UT662D	UT662E
Display screen	5" LCD, 800*480		7" LCD, 1024*600	
Frequency bandwidth	1Hz-8000Hz		1Hz-12000Hz	
Filter	1Hz-3000Hz		1Hz-3000Hz	
	3000Hz-6000Hz		3000Hz-6000Hz	
	4500Hz-8000Hz		4500Hz-12000Hz	
	1Hz-8000Hz		1Hz-12000Hz	
	Frequency adjustable		Frequency adjustable	
Measuring depth	About 100cm	About 100cm	About 100cm	About 300cm
Sensor	Vertical sensor	Vertical sensor Horizontal sensor	Vertical sensor Horizontal sensor	Vertical sensor Horizontalsensor(with base) Outdoor listening pole
Value display	Real-time display of numbers, bar charts and line charts			
IP rating	Main unit: IP54; Sensor: IP66			
Measurement modes	Quick-check mode, Patrol-check mode			
Screenshots	√			
Signal gain	80dB, 10-level adjustable			
Brightness adjustment	√			
AI-assisted intelligent judgment	√			
Effective volume display	√			
Audio recording	√			
Auto sleep	√			
Dispaly modes	Day mode / Night mode			
PC connection	√			
Operating environment	20°C ~ +50°C			
Storage environment	-40°C ~ +60°C			
Characteristics				
Standrad accessories	Vertical sensor, horizontal sensor(except UT662B), Horizontal sensor base and listening pole(only UT662E), headphone, Type-C cable, bag, user manual			
Battery type	DC 3.7V, 8000mAh Li-ion Battery			
Product size	212mm×140mm×46.5mm			
Product weight	About 710g(main unit)			
Standard quantity per carton	2pcs			

Applications


Residential concealed water-pipe


Heating pipeline


Outdoor water-supply pipeline


Commercial pipeline maintenance & fault troubleshooting

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UT662 Series

Multifunctional Intelligent Water Leakage Detector

The UT662 series collects leak noise signals through sensors. After processing by the main unit, visualized spectrum and signal strength are displayed on the on-board screen and simultaneously output to headphones. Multiple optional sensors are available to adapt to diverse detection scenarios. By comparing spectrum and audio signals, it accurately pinpoints leak points and delivers efficient leak inspection for household pipelines.



Full-Color Touch Screen

Rich image display, convenient operation



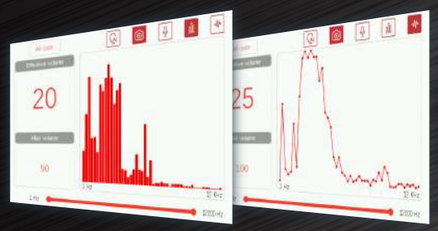
10-Level Adjustable Gain

Allows fast gain & volume adjustment to capture faint sound sources.



Quick-Check Mode

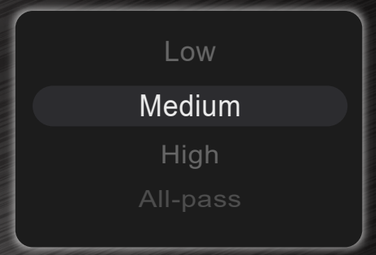
Displays frequency-distribution spectrum; combine with audio volume to rapidly locate suspicious areas.



Bar Chart Line Chart

Multi-Range Frequency Bands

Adapt to diverse leak-detection scenarios.



Multiple Sensor Options

Suitable for various indoor and outdoor scenarios.



Vertical Sensor Horizontal Sensor Base and Outdoor listening pole

Effective Volume Display

Eliminates ambient noise readings to focus on leak-related sound volume.



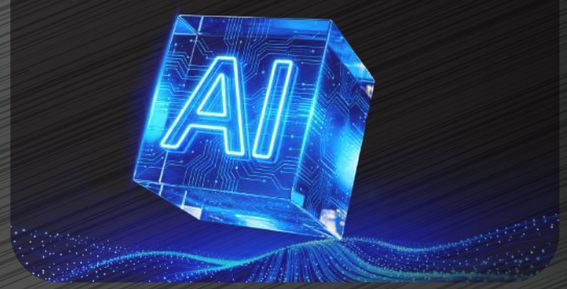
Patrol-Check Mode

Perform segmented acquisition and locate leak points accurately by comparing signal bars.



AI-Assisted Leak Detection

Effectively filters pipeline and ambient noise for accurate identification of leak sounds.



Rechargeable Li-ion Battery

Type-C charging for extended-time measurements.



Audio Recording & Screenshot, PC-Side Data Review

Enabling test-process preservation and traceable data analysis.

