

Indoor AI Smart Water Leak Detector **TYM-3A**

Introduction

TYM-3A AI Smart Water Leak Detector is a high-precision instrument used for detecting leaks in indoor pressure pipelines. It is suitable for detecting leaks in indoor water supply and floor heating pressure pipelines. The instrument analyzes the collected sound and vibration frequency signals of the leak points using AI intelligent algorithms, filters and amplifies the effective signals, and achieves accurate positioning of the leaks. It solves the difficult problem of leak detection in indoor pressure pipelines.

Component



Host Machine



Triangle Sensor



Square Sensor



Bag



Host Strap



Headphones cable



5V2A charger (included cable)



Probe



Headphones

Advantages

- AI intelligent assistance makes leak detection easy for beginners
- Dual intelligent modes of "listening" and "visual" accurately locate leak points
- High sensitivity sensors for precise anti-interference detection
- Dual sensor configuration suitable for different application scenarios
- 7-inch touch screen for convenient operation
- Day/night mode selection to adapt to changes in ambient lighting

Specifications

Product Model	TYM-3A	Weight (Host machine,sensors)	Host machine 0.7KG, Triangle sensor 0.35KG, Square sensor 0.5KG
Application	Indoor pressure pipelines	Operating Environment Temperature	-20°C~+50°C
functionality	AI intelligent analysis	Charging Time	8 hours
Configuration	Triangle sensor, square sensor	Standby Time	15 hours
Charger	5V 2A USB charger	Power	≈ 8W
Display Screen	7-inch touch screen	Modes	General mode/Locating mode
Resolution	800*480	Frequency	100Hz-8000Hz
Gain	10 levels adjustable	Signal-to-Noise Ratio	60dB
Volume	10 levels adjustable	Sensitivity	-29dB, 70mv/g
Dimensions(Host machine, sensors)	Host machine: 214mm*146mm*48mm Triangle sensor: 72.95mm*68mm*60.2mm Square sensor: 59mm*55mm*29.6mm		