

WA-EUS-720 ULTRASONIC LEAK DETECTOR

**WISE AIR 4.0**<sup>®</sup>  
MEASURE TO MANAGE

**2025**

**Smart Measurement Solutions  
for Compressed Air and Gases**

**WISEAIR TECHNOLOGIES INDIA LLP**

[www.wiseair.in](http://www.wiseair.in)



## About Us

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Our Vision At WiseAir Technologies is to Offer Our Customers With Innovative and Advanced Measurement Solutions for Compressed Air and Gases at Affordable Costs. With Over 22 Years Experience in The Field of Compressed Air Management, We Have Developed Products that are More Accurate, Smart, Reliable, State-Of-The-Art and Easy to Use. We Aim to Transform The Traditional Manufacturing and Industrial Practices With Our Latest Smart Technologies. Hence We Primarily Focus On Offering Products Which Use Large-Scale Machine To Machine Communication (M2M) and Industrial Internet of Things (IIoT) To Provide Increased Automation, Improved Communication, Self Monitoring To Analyze and Diagnose Issues Without The Need For Human Intervention. Our “WA” Range of Smart IIOT Sensors, Can Be Easily Networked Together With Manufacturing And Energy Management Softwares. This Connectivity Allows For Seamless Data Collection, Exchange and Analysis To Potentially Facilitate Improvements In Productivity And Efficiency Resulting In Huge Economic Benefits.

## Our Network

Our Smart Sensors are Developed with Design and Technology Support from Our Partners Across North America, Europe and Asia. With Our Strong Network of Partners, we offer Seamless and Best-in-Class Service to Our Customers.



### Artificial Intelligence & Machine Learning Software

Our software are programmed to analysis and self Diagnose the Measured Datas

### Smart IIOT Sensors

For measurement of Flow, Power, Dew Point and Pressure

### Product Experts

Product Specialists with Decades of Experience in Compressed Air Measurement and Management

# INTRODUCING THE **WA-EUS-720** ULTRASONIC LEAK DETECTOR

## Key Features

- ▶ 2.5" LCD display with bar graph.
- ▶ 20 kHz to 90 kHz frequency range: optimal range for detecting a variety of leakage events.
- ▶ Three filters to remove main noise frequencies in noisy environments.
- ▶ Adjustable Receiver sensitivity and Three Transmitter signal strengths for accurate leak pinpointing.
- ▶ Quality Noise Cancellation headphones (Optional) to help identify the source of the leak.
- ▶ Parabolic Dish to direct the ultrasound towards the sensor.
- ▶ Detachable Tubular Extension provides additional reach in hard to reach areas.



## THE ULTIMATE TOOL FOR LEAK DETECTION IN COMPRESSED AIR & INERT GASES

## WA-EUS-720 is Ideal for Inspecting

- ▶ Leaks of Compressed air or other gases\*
- ▶ Plumbing
- ▶ Electrical and mechanical systems
- ▶ Valves, tanks and pipes. Heat exchangers, boilers and condensers
- ▶ Air conditioning and refrigeration systems
- ▶ Motors and machinery

\* Do not use WA-EUS-720 for combustible gas leak detection.  
WA-EUS-720 can be used for propane and methane gas leak detection.

## Find Leaks Even in Noisy Environment

In some situations, there might be strong ultrasonic noise generated by running machinery, motion sensors or other equipment. This noise will cause the Receiver to read the maximum signal strength of this noise interference on the display regardless of the sensitivity settings and make it unusable for detecting leaks. The Filter function was designed for these situations. Simply press the Filter button and the Receiver will automatically detect and filter out up to three main noise frequencies.

## Visual and Audible Leak Pinpointing

While scanning a target area with the Receiver's ultrasonic microphone the displayed bar graph will indicate proximity to the source of the leak. Plug the headphones into the Receiver to audibly hear the leak and verify its source. For example, air leaks will produce more of a hissing sound while electric discharge manifests in a ticking sound.

**Technical Data Sheet**

	<b>WA-EUS-720 (Only Receiver)</b>	<b>WA-EUS-730 (Receiver + Transmitter)</b>
Sensitivity Adjustment	Available	Available
Volume Adjustment	Available	Available
Signal Level Adjustment	Available	Available
Transmitter	Available	-
Earphone Jack (3.5 mm)	Available	Available
Display Size	LCD 2.5 in (6.35 cm)	LCD 2.5 in (6.35 cm)
Display Dimensions	1.45 x 1.93 in (36.72 x 48.96 mm)	1.45 x 1.93 in (36.72 x 48.96 mm)
Display Resolution	240(RGB) x 320 pixels	240(RGB) x 320 pixels
Display Type	TFT-LCD (262 K)	TFT-LCD (262 K)
Display Color	True, 16bit/color	True, 16bit/color
Frequency Range	20 kHz to 90 kHz	20 kHz to 90 kHz
Filter	±5 KHz of main noise frequency, up to three filters	±5 KHz of main noise frequency, up to three filters
Power Supply	4 x 1.5 V AA (LR6) alkaline batteries	4 x 1.5 V AA (LR6) alkaline batteries
Power Consumption (typical)	75 mA	75 mA
Battery Life (typical)	105 hours	105 hours
Low battery indication	Available	Available
Weight	0.518 lb (0.235 kg)	0.518 lb (0.235 kg)
Dimensions	7.547 x 2.984 x 1.791 in (183 x 75 x 43 mm)	7.547 x 2.984 x 1.791 in (183 x 75 x 43 mm)
APO function	60 minutes when in idle	
Operating Temperature	-20 °C to 50 °C	
Storage Temperature	-20 °C to 70 °C	
Operating Humidity	<80% RH	
Pollution Degree	2	
Protection	IP-40	
Certifications		
Electromagnetic Compatibility (EMC)	EN 61326-1 Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] Electromagnetic Compatibility (EMC) [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business	



For More Info  
**SCAN HERE**



**UNDERSTAND COMPRESSED AIR SYSTEM DYNAMIC  
WITH OUR ADVANCED MEASUREMENT SOLUTIONS**

**MEASURE – MANAGE – SAVE – SUSTAIN**



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