

WUFS-904 ULTRASONIC FLOW METER

WISEAIR[®] 4.0
MEASURE TO MANAGE

2025

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

WISEAIR TECHNOLOGIES INDIA LLP

www.wisear.in



About Us

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

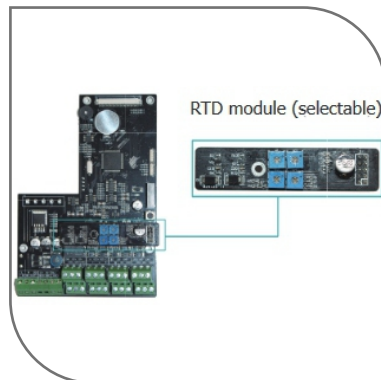
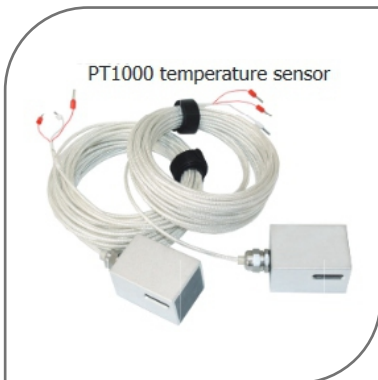
Product Experts

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

INTRODUCING THE **WUFS-904** ULTRASONIC FLOW METER

Technical Data Sheet

Performance	
Flow range	±0.09ft/s ~ ±39ft/s (±0.03m/s ~ ±12m/s)
Accuracy	±1% of measured value
Repeatability	0.2% of measured value
Linearity	±1%
Pipe size	DN25mm~DN1200mm DN15~DN40mm (A pair of sensors)
Function	
Outputs	Analog output: 4~20mA, max load 750Ω. Pulse output: 0~10KHz
Communication	RS232/RS485 Modbus
Power supply	10~36VDC/AC90~245V
Display	240*128 backlit LCD
Temperature	Transmitter: -14°F~140°F(-20°C~60°C) Transducer: -40°F~176°F(-40°C~80°C, TT01, TT02) Transducer: -40°F~266°F(-40°C~130°C, TT03)
Humidity	Up to 99% RH, non-condensing
Physical	
Transmitter	PC/ABS, IP65
Transducer	Encapsulated design, IP68 Double-shielded transducer cable Standard/maximum cable length: 30ft/1000ft(9m/300m)



- ▶ Our Clamp-On flow transducers use a high quality sealant and are sealed with glue inside, ensuring their durability and high-performance. The matching degree between each pair of transducers is ≤ 2 nanoseconds, making it highly accurate.
- ▶ The WUFS 901 is truly IP68 waterproof rated, thanks to its integrated production of transducer and signal cable. Furthermore, its innovative hidden design of clamp fixtures is not only attractive but also practical.
- ▶ With the option to use it in conjunction with the RTD module and the PT1000 temperature sensor, the WUFS 901 becomes a reliable meter for measuring heat and cold consumption of heated pipelines and air-conditioning refrigeration pipelines.
- ▶ The PT1000 uses high-temperature resistance cables, making it highly sensitive and durable compared to normal PT100s. Experience the convenience and accuracy of the WUFS 901 in your flow measurement application today!

Optional Transducers (DN25-DN1200mm)

Ordering Code



Clamp-on :TTO1
(Operating temperature: -40°C ~ +80°C)

▶ **GAC11**

Transducer Cable Pair for Pipe Ranges from DN 15-100 mm including 5 Mtrs Cable and Metal Stretcher

▶ **GAC12**

Transducer Cable Pair for Pipe Ranges from DN 50-700 mm including 5 Mtrs Cable and Metal Stretcher

▶ **GAC13**

Transducer Cable Pair for Pipe Ranges from DN 300-600 mm including 5 Mtrs Cable and Metal Stretcher



Clamp-on :TTO2
(Operating temperature: -40°C ~ +80°C)



Clamp-on :TTO3
(Operating temperature: -40°C ~ +130°C)



Clamp-on :TTO2H
(Operating temperature: -40°C ~ +180°C)



Insertion-type:TT05
(Operating temperature: -40°C ~ +130°C)



Clamp-on Ultrasonic Heatmeter :
TT03-PT1000



Insertion type Ultrasonic Heatmeter :
TT05-PT1000



(Operating temperature: Within 70 °C)



Double guide bracket



For More Info
SCAN HERE







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

MEASURE – MANAGE – SAVE – SUSTAIN



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