



Innovative Flow Measurement Solutions



Our Story

At AW-Lake we believe in making Flow Measurement and Control easy. From quotation to commissioning and startup, we want to make every step as simple and pain-free as possible. AW-Lake offers a wide selection of Flow Monitoring Technologies so we can match the right technology to your application. We maintain the highest quality standards and design control to assure accuracy and long life for our products. Our sales team can walk you through selection of the right technology to meet your application needs.

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Step One: Choose the appropriate flow meter for your application.

Many factors contribute to this determination, including flow range, viscosity of fluid, temperature of fluid and environment, pressure in the system, nature of flow (steady, pulsing, etc.).

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Step Two: Capture the flow data from the meter.

Our sensors offer the output you want - Frequency, Analog, Voltage, Modbus, or HART - and we make set-up and trouble-shooting easy through the use of PC and mobile apps.

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Step Three: Deliver the flow data where you need it.

Our transmitters, displays and controllers make AW-Lake a one-stop-shop for Industrial Flow Measurement, including batch control and ratio monitoring, assuring everything works well together.

Our Products



Positive Displacement Flow Meters

AW-Lake positive displacement flow meters have been the industry-standard for low flow applications, for example chemical injection, paint & adhesives, hydraulics, cylinder positioning, and hot melt, among others. Companies across the country standardize on our meters due to our high quality standards, ability to customize, vast industry experience, and our global support network.



Turbine Flow Meters

AW-Lake turbine flow meters are crafted on state-of-the-art machining centers and wet tested on our flow calibrator to ensure accuracy and repeatability. Backed by more than 50 years of experience in turbine flow measurement, AW-Lake continually serves global customers in oil & gas, petrochemical, semiconductor, food & beverage, pharmaceutical, and process control.



Variable Area Meters

AW-Lake's variable area flow meters are used in industrial applications around the world, including lubrication and cooling, pneumatics and hydraulics systems, process control, and even gas and chemical applications. We have models specifically designed for high temperature, bi-directional, and pneumatic applications, in addition to specific uses such as case drain monitoring, hydraulic system testing, and Phosphate Ester aviation lubricants.



Paddle Wheel Meters

Operating much like a turbine flow meter, the paddle wheel flow meter is ideal for monitoring various fluids in applications including chillers/cooling circuits, HVAC, medical equipment, and process control. Choose from units with a polycarbonate housing or rugged stainless steel enclosure.



Ultrasonic Meters

Ultrasonic flow meters are available in clamp-on (fixed & portable), where flow rate is measured from the outside of the pipe, or in-line where the no-moving-parts design operates over a wide flow range with excellent low flow accuracy. The clamp-on meters are ideal for difficult liquids such as chemicals, viscous liquids, and abrasives. The in-line meters are ideal for measuring cooling water, condenser water, and water/glycol solutions.



Coriolis Mass Flow Meters

Coriolis mass flow meters from AW-Lake include a series of precision meters that range in size from 1/4" to 3". These meters can be coupled with a variety of electronics offering Digital Signal Processing (DSP), integrated meter diagnostics, net oil software, HART/Modbus/Profibus interfaces, and integrated pressure compensation. We also offer specialty meters for sanitary, hydrogen dispensing, and high-pressure systems up to 15,000 psi. To top it off, we also have an option for wireless communications.



Flow Electronics

AW-Lake designs and manufactures a wide selection of flow sensors, transmitters and controllers for your fluid measurement applications. Whether you need a transmitter with CSA or ATEX Class 1, Div 1 certification that sends your signal sent to a control room's PLC or a simple local display, we have the solution for you. Customers can choose from local and remote, DC, Loop and battery-powered, standard and EX-rated, closed loop controllers, batch controllers, and a wide variety of flow sensors & pickups. If we don't have what you need, our team of electrical engineers will customize an electronics solution that meets your specific application requirements.