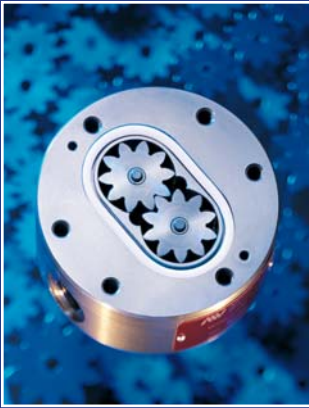




Precision Liquid Flow Measurement



AW Gear Meters, a brand of AW-Lake Company, is recognized and respected in the flow measurement industry for the highest quality products and superior customer service. Founded in 1984 as AW Company, AW Gear Meters has emerged as the leading manufacturer and distributor of flow control products in North America. Our products include spur gear flow meters, helical gear flow meters, electronic sensors, flow computers, in-line optical sensors and signal conditioners.

AW Gear Meters: Where superior quality craftsmanship, engineering excellence and personalized customer service come together.

Spur Gear Flow Meters are ideal for low & medium viscosity fluids such as oils, grease, fuels, and solvents, as well as viscous fluids like resins, adhesives and paints.

Helical Gear Flow Meters can handle very high viscosity fluids or fluids with changing viscosities, such as oils, resins, sealants, adhesives and paints.

Spur Gear Flow Meters

Ball Bearing Spur Gear Meters (KG)



- Ranges span from 0.001 to 120 GPM
- Up to 5,000 psi
- Lubricating fluids & fuels
- Six flow ranges available
- Bi-Directional
- Aluminum, 303 and 316 Stainless Steel body

High Pressure Spur Gear Meters (JVHS)



- Ranges span from 0.003 to 7 GPM
- 15,000 psi
- Accuracy $\pm 0.5\%$
- Xylan coated bolts
- Bi-Directional
- 316 Stainless Steel body

Sleeve Bearing Spur Gear Meters (CG)



- Ranges span from 0.001 to 20 GPM
- Up to 5,000 psi
- Accuracy $\pm 0.5\%$
- Viscous fluids
- Six flow ranges available
- Bi-Directional
- 303 Stainless Steel body

Streamlined Spur Gear Meters (SLGS)



- Ranges span from 0.003 to 2.0 GPM
- Up to 2,000 psi
- Accuracy $\pm 0.5\%$
- Compact for tight spaces
- Manifold mount or threaded port
- 303 and 316 SS body

Helical Gear Flow Meters (SRZ)

Helical Gear Flow Meters



- Ranges span from 0.003 to 105 GPM
- Up to 6,000 psi
- Abrasive & filled fluids
- Lower pressure loss
- Turn down ratio 1:100
- 303 Stainless Steel body

MicroFlow™ Spur Gear Flow Meters



- Very low flow range from 0.0005 to .25 GPM
- Up to 5,000 psi
- Accuracy $\pm 0.5\%$
- High resolution
- 316 Stainless Steel body

High Resolution Helical Gear Meters



- Flow ranges from 0.1 to 105 GPM
- Up to 6,000 psi
- Up to 26,500 pulses/gal
- Three line sizes: 3/4", 1", and 1-1/2"
- Abrasive & filled fluids
- 303 Stainless Steel body

Ultra High Resolution Helical Gear Meters



- Range from 0.01 to 2 GPM
- Up to 6,000 psi
- Accuracy $\pm 0.5\%$ (with fluid viscosities $>30\text{cP}$)
- Up to 124,900 pulses/gal
- Abrasive & filled fluids
- Lower pressure loss
- 303 Stainless Steel body

Electronic Displays & Controllers

Remote Flow Monitors



- Rate, flow, limit, or ratio monitor
- Single or dual channel
- RS-232 communication
- Two programmable Form C Relay outputs
- Assignable 4-20 mA output

Meter Mounted Monitors



- CSA explosion-proof rating available
- Battery, loop, or 15-24 VDC supply
- Hart communication protocol
- 4-20 mA rate and scaled pulse outputs
- Programmable outputs

Closed-Loop Flow Controllers



- Standard 4 channels - expandable to 12
- 30 engineering units selectable
- 10-point linearization per channel
- 4-20 mA or 0-5 V output
- Maintains steady flow or process

Batch Controllers



- Nine programmable batch amounts
- Batch counter & totalizer
- 4-20 mA batch fill indicator
- Two relays for solenoid valve control
- Batch error compensator

AW Gear Meters offers a wide variety of monitoring devices and controllers to meet your specific system requirements – from digital displays to batch controllers.

Flow Sensors & Signal Conditioners

Hall-Effect Sensors



- Dual hall effect
- Hall effect dual pulse
- Sinking and sourcing pulse output
- Quad-4 sourcing
- Pulse output hall effect single sensor

Carrier Frequency Sensors



- Can be used with stainless KG, CG, & SLGS gear meters, and SRZ helical gear meters
- Some are UL & cUL approved
- High temperature pickup system includes amplifier

Fiber Optic Sensors



- FOP 20 for use with KG & CG meters
- FOP 30 for use with SLG meters
- Fiber optic transmitter
- Fiber optic cable
- OPTV-20 fiber optic receiver

ProScan™ Sensors



- NEMA6 / IP67 enclosure
- Registered with 3-A Sanitary standards
- Sanitary clamp connections
- 4-20 mA output
- 316 stainless steel construction
- Sapphire lens

Options Include:

- Pulse output
- Fiber optic
- mA output
- Voltage output
- Quadrature
- High temperature



Custom Engineering & Product Modification

AW-Lake Company is unmatched in the industry as a provider of custom engineering solutions for your flow metering needs. Our state-of-the-art computer design programs, custom machining facility and highly educated and experienced engineering staff are ready to work on your custom project.

Call us today.

**Strong Brand
Strong Company**

AW-Lake Company is part of the TASI Group's Flow Division. The TASI Group of Companies provide test, measurement, and assembly solutions which improve processes and bring value-added results vital in today's world manufacturing environments. For more information, visit: www.tasigroup.com

Excellence in Flow

Paints & Coatings

Oil & Gas

Chemical Processing

Food & Beverage

Pharmaceuticals

Hydraulics

Commercial Printing

Sealants & Adhesives



Automotive
Paint



Commercial
Printing



Chemical
Injection



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