

# PRECISION FLOW MEASUREMENT



*Proven Performance  
for Over 50 Years*

## ***Serving Major Industries Worldwide***

COX Instruments has delivered hundreds of thousands of Precision, Industrial and Gas flowmeters to users with demanding liquid and gas flow metering requirements. Our advanced flow measurement solutions are used in major industries across the globe, including automotive, aerospace, test & measurement, metrology, process control, and manufacturing.

Our heritage of delivering the best value turbine meter demonstrates both our superior performance and long-term commitment to customers depending upon precision flow measurement.



Aerospace



Automotive



Test & Measurement



Industrial



Metrology



*Proven Performance  
for Over 50 Years*



**High Accuracy  
Liquid & Gas  
Flow Measurement  
Solutions**

## Higher Accuracy, Greater Reliability

With extensive experience in providing the most reliable turbine flowmeter in the industry, COX Instruments continues to build on its ability to serve our most valuable asset...our customers. COX has remained the flowmeter-of-choice worldwide for over 50 years, offering dependable data over wide flow ranges.

Major calibration labs agree: COX is one of the most linear and repeatable flowmeters on the market. Government agencies and leading aerospace manufacturers regard our products as the industry standard. This is a tribute to the endurance and performance of COX turbine flowmeters.

## The COX Turbine Flowmeter Advantage

It's a fact — COX turbine flowmeters outperform other meters in applications requiring extended linear range. This performance is achieved through a precision helical rotor design, proper use of rotor supports, and minimal bearing friction. Our unique helical blade design transfers energy more efficiently than flat-bladed rotors, reducing bearing wear and pressure drop and their associated cost.



COX provides a linear range from 15:1 on small meters, ranging up to 100:1 on two-inch meters, without the use of linearizing electronics. We also offer extended range calibrations in the repeatable flow range of the flowmeter, with repeatability of 0.02% of reading.

# NVLAP Calibrations Traceable To NIST

COX Instruments utilizes the services of Flow Dynamics, Inc. to perform all of its flowmeter calibrations. While other labs are merely NIST traceable, Flow Dynamics has excelled in acquiring NVLAP accreditation, which is in full conformance with the standards of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

Our NVLAP-certified flowmeter calibrations are fully traceable to NIST guidelines and also comply with ISO 17025, ISO 9002, ISO Guide 25, ANSI/NCSL Z-540, and MIL-STD-45662A.

COX saves all flowmeter calibration data files to support future calibrations and provide customers with prompt service. We also offer annual calibration contracts, which ensure priority status, while saving money and time.



**NVLAP**

NVLAP Lab Code 200668



*Proven Performance  
for Over 50 Years*

**(480) 922-7446**

**www.cox-instruments.com**

COX Instruments, based in Scottsdale, Arizona USA, offers one of the industry's largest selections of flow measurement products and services. Customers are also encouraged to take advantage of our world-class applications engineering assistance. We have the expertise to help you solve the most difficult liquid and gas flow metering applications!

COX precision flowmeters are recognized for their uncompromised accuracy and reliability. All of our products are manufactured in compliance with AS9001, ISO 9001 and other strict industry quality standards.

Most COX flowmeters are delivered in 4 weeks or less, and many models are in stock. We also offer expedited deliveries, depending on the complexity of the calibration.

If you demand flowmeter accuracy and reliability, choose COX!



15555 North 79th Place  
Scottsdale, AZ 85260  
tel: (480) 922-7446  
fax: (480) 948-3610  
sales@cox-instruments.com  
www.cox-instruments.com

Manufactured under  
an ISO 9000 registered  
quality management system



FM 78587  
AS9100 Rev B and  
ISO 9001:2000

© 2008 – Cox Instruments CXDB0001-08-A