

High-precision Mass Flow Meters and Controllers for Gases





High class. High quality. High precision.

Welcome to Vögtlin Instruments GmbH

We are Vögtlin Instruments GmbH, your Partner for intelligent and innovative gas flow measurement and control instrumentation.



Strong US Sales, Service and Distribution Network

Since 2011 Vögtlin is a member of the TASI Flow Network which delivers flow meter, flow control and dispensing solutions. TASI Flow products are developed, customized and serviced through technical centers in the US, Switzerland, Germany and UK. Strategically located calibration centers in Europe, Asia and the US allow us to provide full service and application expertise next to the customers door.



Innovative Products based on latest Technology

Our high-precision flow measurement and control devices are based on high tech semicon MEMS sensor technology. With more than 100,000 devices sold, Vögtlin is a strongly respected global player in this market. Our dedication to beeing part of our customers' success drives us to provide the best products and services possible.

Swiss Technology

Vögtlin is a Swiss designer of precision flow instrumentation. For the last 25 years our flow experts ensure high-value products and solutions for your flow measurement and control tasks. Our thermal mass flow meters and mass flow controllers for gases with digital and analog output and NEMA6/ATEX protection serve a wide range of applications: analytical, laboratory, pharmaceutical, scientific research, biotech/life science, OEM and other industrial applications.

The Vögtlin Team is looking forward to help you get the best flow solution!

For further information visit us at www.voegtlin.com





Intelligent. Innovative. Impressive.

Our Thermal Mass Flow Meters & Controllers for Gases

The Vögtlin product line-up covers thermal mass flow meters and controllers for gases and the first long-life integrated battery mass flow meter with built-in touch display. Our high-precision devices come equipped with digital and analog interface, IP67/NEMA6 protection and ATEX certification.

red-y smart series

Reliable and accurate:

Thermal Mass Flow Meters & Controllers

- » High-precision measurement
- » Analog and digital interface
- » Safe and fast control
- » Options: Multigas (up to 10 gases), Profibus, built-in display
- » Wide range of accessories (cables, power supply, etc.)
- » Measuring ranges from 27 SCCM up to 480 SLPM



red-y compact series

Independent digital convenience:

Battery Powered Digital Mass Flow Meters

- » AA battery powered device with touch display
- » MEMS sensor technology
- » High accuracy & dynamics
- » Wide choice of flow units
- » Use as a meter, regulator or switch
- » Measuring ranges from 27 SCCM up to 480 SLPM



red-y industrial series



High accuracy for heavy duties:

Mass Flow Meters & Controllers with NEMA6 Protection

- » **Accurate & fast measurement/control**
- » **Analog and digital interface**
- » **NEMA6 and ATEX rating**
- » **Options: Multigas (up to 10 gases), Profibus**
- » **Measuring ranges from 27 SCCM up to 480 SLPM**

red-y smart pressure controller

Pressure and flow in a single device:

Pressure Controller with Integrated Flow Measurement

- » **Pressure controller with flow measurement/limitation**
- » **Flow controller with pressure measurement**
- » **Pressure and back pressure devices**
- » **Analog and digital interface**
- » **Options: Multigas, Profibus, built-in display**
- » **Measuring ranges from 27 SCCM up to 480 SLPM**



free get red-y software

Easy device access:

Efficient Management for our Mass Flow Instruments

- » **Display all key device information**
- » **Monitors operating state**
- » **Switch measurement units & gas type**
- » **Plug & play with USB cable**
- » **Optional logging, mixing calibration & adjustment module**



OEM applications

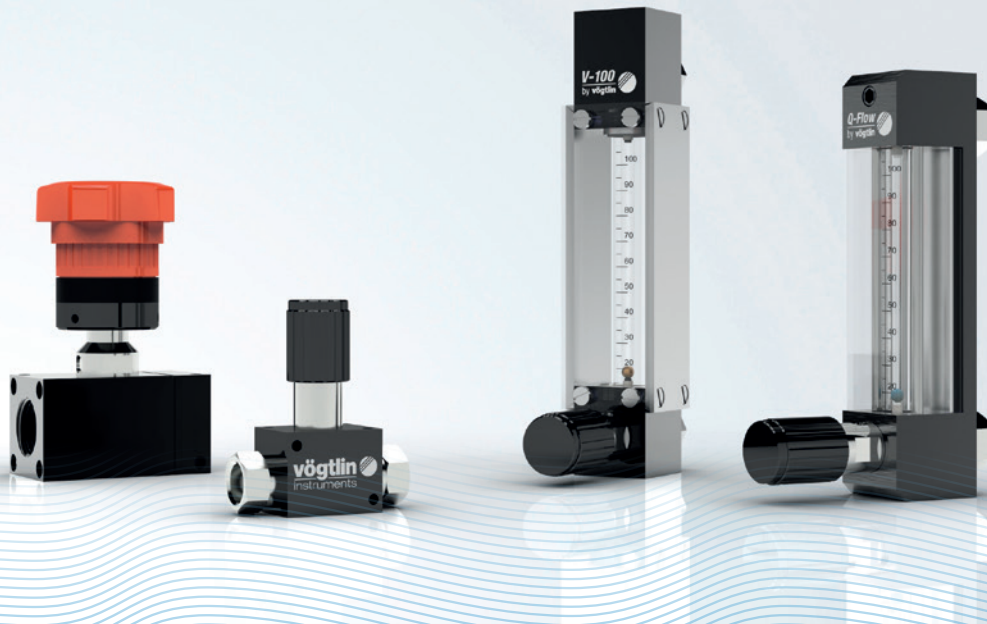
Customized Solutions:

Optimize and simplify your Processes with our Customized & Modular Flow Solutions

For a wide range of applications the thermal mass flow meters and mass flow controllers offer you a significant optimization and simplification of your processes.

Ask your Sales Partner for more information and read our applications stories on www.voegtlin.com





Durable. Modular. Classical.

Our Variable Area Flowmeters and Control Valves

Our variable area flowmeter and control valve product line provides great functionality and design:

Q-Flow

Attractive design and economic price:

Variable Area Flowmeters

- » Compact and slender design
- » Glass measuring tubes in 3 sizes
- » Body in aluminium or stainless steel
- » Panel mounting design (plug-in)
- » Optional 15-turn control valve for smooth and accurate adjustment

M-Flow

Precise setting and tightly closing:

High Precision Control Valves

- » High-precision flow rate setting
- » Leak-proof when closed
- » 15 turn spindle, no hysteresis
- » Optional digital display for reproducible settings

V-100

Modular and wide ranging:

Variable Area Flowmeters

- » Highly modular, customizable for any mounting position
- » Connections on the rear, lateral or axial
- » Glass measuring tubes in 3 sizes
- » Body in aluminium or stainless steel
- » Variety of options: Limit switches, front panel mounting kit, etc
- » Optional 15-turn control valve for smooth and accurate adjustment



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