KOBOLD

MIM

- ✓ Measuring
- ✓ Monitoring
- ✓ Batching
- ✓ Totalizing

REG

- ✓ Flow Regulation
- ✓ No Power Needed
- ✓ Cost-efficient

When Water Counts
Trust KOBOLD

SETTING NEW STANDARDS

When water conservation is a primary concern, count on KOBOLD to provide economical and reliable solutions to carefully monitor and control the water in your system. Water is a limited resource and the demand for it will only continue to grow. Conservation concerns should be addressed proactively and not left until periods of drought when the issue is pressing. Water shortages occur now in many areas even during times of normal rainfall.

KOBOLD offers a wide line of products to intelligently build a system to maximize the usage of water and engineers to help you carefully select them. Two of our frontline choices are our new MIM electromagnetic flowmeter and our REG mechanical flow regulator which have proven themselves in a variety of applications across the globe. To learn more about our full line of instrumentation, view our products at www.koboldusa.com.

MIM - Magnetic Inductive Flowmeter

A new, revolutionary design that delivers cutting edge technology in a compact all-metal body. It is ideal for measuring and monitoring small to medium sized flows of conductive liquids.

Features:

- Measuring and Monitoring of Conductive Liquids
- Not Affected by Density, Viscosity, or Temperature
- Rugged Stainless Steel Construction
- Flow and Temperature Measurement
- Switching, Transmitting, and Batching Functions
- 0.48...48 GPH to 0.4...90 GPM Flow Ranges
- 1/4“...3/4“ NPT Fittings
- PVC, PP, PVDF, 316 SS, Brass Connections
- 230 PSIG Maximum Pressure
- 158 °F Maximum Temperature
- Max. Media Viscosity of 70 cSt
- 316L Stainless Steel Housing
- Accuracy < ± (0.8% of Reading + 0.5% F.S.)
- Color, Multi-parameter TFT Display
- Display Rotates in 90° Increments
- Intuitive Setup Menu via 4 Optical Keys
- 2 Configurable Outputs
- Grand and Resettable Totalizer
- PT1000 Temperature Sensor
- Bi-directional Flow Measurement

REG - Mechanical Flow Regulators

Features:

- Provides a Constant Flow Rate
- Lifelong Service Provides Significant Cost Savings
- Ideal for Batching, Distribution, and Restriction
- Protects Against Water Hammer, Overheating, and Overload
- Simple and Effective
- Flow is Limited, Regardless of Pressure Fluctuations
- High Quality Stainless Steel Build
- Completely Maintenance-free
- No Auxiliary Power Needed to Operate
- Secure from Tampering or Manipulation
- Uniform Supply for Multiple Consumers

Superior Engineering: *Unlike other models, our unique design does not use any rubber. Temperature, chemical influence, and aging affect the molecular structure of rubber and reduces its elastisity. Once the rubber is compromised the flow can no longer be regulated. Our all metal design provides reliable service.*

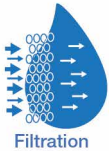
Watering

Cooling circuit

Humidification

Livestock

Heat exchange


Filtration

Dosing

Eyewash

Building technology

REG - Mechanical Flow Regulators

Application Areas:

Pump Protection: To prevent a pump that is connected to a tube which ran empty from being damaged by potential water hammer, install an **REG** at the pump exit to eliminate cavitation and water hammer.

Pump Protection

Overheating: In the case of a pump being subject to a sudden zero flow, overheating can be prevented by tracing back a small amount of liquid through a bypass and regulation by a **REG**.

Overheating

Water Supply: In the case of uneven distribution in a water circuit, an **REG** guarantees maintenance free and tamper proof allocation of the

Water Supply

KOBOLD Instruments Inc: For more than 35 years, **KOBOLD** has been a world leader in process measurement and control solutions. We offer one of the industry's broadest lines of sensors, switches, and transmitters to measure and control flow, pressure, level, and temperature. The **KOBOLD** brand is synonymous with quality, craftsmanship, technological advancement, and cost effectiveness. Our engineers and customer service representatives are ready to help you find the ideal **KOBOLD** solution for your most demanding applications.

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