

VENDOR CATALOG / BADGER METER

Badger Meter Catalog

Flow measurement, control valves, level/pressure/leak monitoring, water quality sensing, and gas detection – the SCADA and instrumentation layer behind chemical dosing systems.

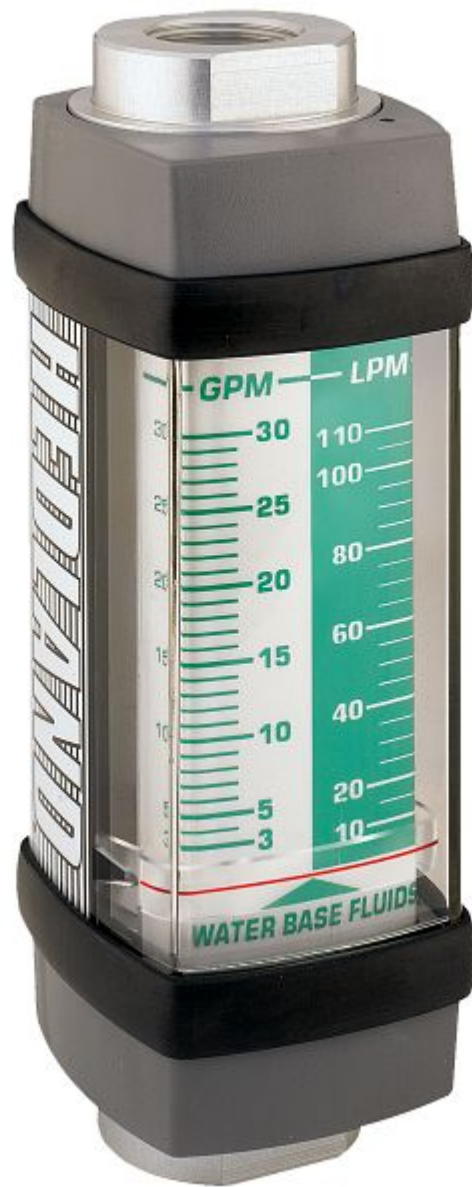
FLOW MEASUREMENT

ModMAG • Hedland • Blancett

Electromagnetic, variable-area, and turbine flow meters — including models explicitly named for caustic and corrosive chemical service.

Model	Size	Range	Notable
ModMAG M2000	1/4–78 in.	0.10–39.4 ft/s, $\pm 0.2\%$	Electromagnetic; largest single meter size in this catalog
Hedland API Oil/Caustic Meter	1/4–1.5 in.	0.01–100 gpm	Explicitly named for caustic and corrosive liquid service
Hedland Caustic/Corrosive Air-Gas Meter	1/4–1.5 in.	2–800 scfm	–20–240°F
Blancett Model 1100	—	–150°F to 425°F, 5,000 PSI	Widest turbine-meter temp/pressure envelope in this catalog





PROCESS CONTROL VALVES

Research Control® Valves (RCV)

Precision control valves for petrochemical processing to pharmaceutical manufacturing — the widest cryogenic-to-high-temperature range captured in the LibertyCES catalog.

Model	Type	Temperature	Pressure/Flow
Type 859 / 973	Cryogenic Globe Control Valve	-450°F to 1,200°F	0-6 Cv, up to 5,000 PSI
Type 1711HD	Severe Service Control Valve	75-850°F	Up to 10,000 PSI
Type 808	Bellows Sealed Globe Control Valve	70-800°F	0-6 Cv, up to 1,500 PSI — no packing gland to leak
Type 807 & 752	Exotic Alloy Valves	70-1,200°F	0-6 Cv, up to 5,000 PSI
SCV-85 / SCV-89	Sanitary Compact Control Valve	—	0.05-20 Cv, up to 300 PSI





LEVEL, PRESSURE & LEAK MONITORING

SmartCover® · Telog®

Manhole-mounted level sensors, sludge blanket monitors, and cellular RTUs for water/wastewater collection and treatment systems.

**H2Scents® Hydrogen Sulfide Level Sensor**

Sewer/collection system H2S monitoring

The monitoring input for odor-control and corrosion-control chemical dosing decisions (ferrous salts, calcium nitrate, or oxidant dosing).

**Telog RS-45 Water & Wastewater Monitoring RTU**

Cellular (LTE) · wired or wireless power · $\pm 0.15\%$ accuracy

The only Telog unit on this page with a wired-power option, alongside 10 other battery-powered RTUs (up to 5-year battery life) for pressure, impulse, and rain-gauge monitoring.

WATER QUALITY & GAS DETECTION

s::can · ATi · GasSens

In-line sensors and ambient gas detectors for the exact chemistry set already governed by LibertyCES engineering rules: chlorine, chlorine dioxide, hydrogen peroxide, and peracetic acid.

Sensor	Parameter	Notable
s::can chlori::lyser	Free & Total Chlorine	Physical sensor, records temperature alongside
s::can chlodi::lyser	Chlorine Dioxide	—
s::can hyper::lyser	Hydrogen Peroxide	—
s::can peroxy::lyser	Peracetic Acid (PAA)	—
ATi M-Node Smart Sensor	Cl ₂ , ClO ₂ , H ₂ O ₂ , PAA + 8 more	Single modular platform covers all four LibertyCES-tracked chemistries
GasSens D16 PortaSens	Chlorine, HCl, HCN, HF, H ₂ O ₂ , H ₂ S + more	Portable multi-gas leak detector





NEXT STEP

Send LibertyCES the process data, not a part number.

Flow measurement, process control valves, level/pressure monitoring, and chemical-parameter sensing — real Badger Meter model specs, but your actual application still has a specific chemical, flow rate, and monitoring requirement that determines the correct model.

Fluid, chemistry, flow range, pressure, temperature, and the parameters you need to monitor — that's what a real spec review needs to start.

Request a spec review

james@libertyces.com

(559) 395-5500

libertyces.com