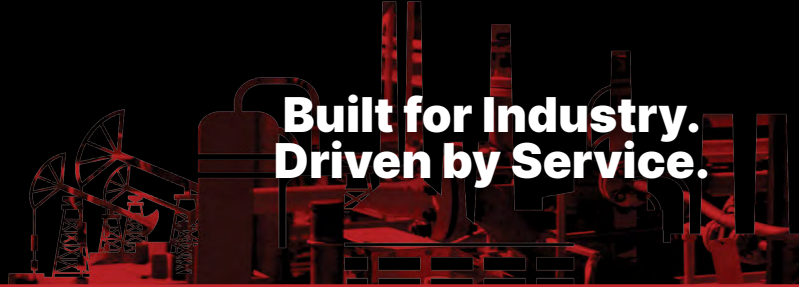




# MIDFIELD VALVE & SUPPLY

A Division of Emco Corporation

**Built for Industry.  
Driven by Service.**



## Liquid & Gas Flow Metering

### NUFLO & BARTON Turbine Flow Meters

- Sizes: 3/8" - 12"
- Repeatability +/- 0.05 & +/- 0.02% of reading
- Accuracy ±0.15-1% of reading before linearization to repeatability specification
- Connections: grooved, threaded, flanged, EZIN wafer, hammer union
- Models for gas, liquid or slurries
- Supplied with QR code to support measurement enrichment & diagnostics
- Hazardous Certified to American and Canadian electrical codes including ANSI 12.27.01

### BARTON Floco® Meters

- Measures viscous liquids for +1.0% allocation
- Sizes 2" 60 to 60 USGPM & 3"9 to 90 USGPM
- Mechanical operation does not require power
- Meter driven sampler supports water cut measure
- Pressures: Up to 1,500 PSI

## Flow Computers

### NUFLO Scanner 2000 Series QRATE Scanner 3000 Series

- Gas, liquids, water cut, steam, hot & chilled water measure
- Custody transfer caliber integrity
- 1 to 22 flow streams
- Measure, computers, logs years of data
- Monitor & logs alarms, events, changes
- Automated control & remote terminal functions
- Diverse measurement and electrical compliances

## Turbine Totalizers & Accessories

### NUFLO "MC" TURBINE TOTALIZERS

**MC II** - local display of flow rate and total. Raw turbine input, battery powered

**MC III** - MC II features + 4-20 mA output, pulse input & output, RS485 Modbus® communications, battery, loop or DC-powered

**MC - Synergy** - MC III features + Bluetooth QR code integration, ethernet, HART options, turbine diagnostics, through-the-glass keys

**Accessories** - wiring & mounting assemblies, extreme temperature isolation, terminal housings

## Production & LACT Sampling

CLIF MOCK True Cut devices support API compliant automatic sampling of liquids or gas

- Sample extraction probes
- Line adapters properly position extraction point
- Sample receivers
- Lab mixers

## Chart Recorders

- BARTON chart recorders
- Differential pressure, pressure, temperature

## PD Meters

### OVAL Ultra Oval PD Flowmeter - Made in Japan

- Liquid PD Meter
- All SS construction
- Sizes: 3/8" to 2"
- CSA & CRN
- External power or battery drive
- Analog, pulse outputs
- Sintered rotors for viscosities of 1000 mPa-s
- Temp category up to 260deg with cooling fin

## Coriolis Meters

### OVAL ALTI<sup>mass</sup> Coriolis Flow Meter

- 1/2" - 10" connections
- Flanged, threaded or tri-clover, class 150# up to 900#
- 316L SST & alloy C22 construction
- Liquid mass accuracy up to ±0.1%
- Density up to ±0.0005g/ml
- HART & Modbus protocols

## Vortex Meters

### OVAL EX Delta II Vortex Meter

- Wafer & flanged style
- Fixed or replaceable sensors
- Sizes: 1-1/2" to 6"
- Liquid, gas, steam
- Up to 300# RF
- CSA (T1 to T6(IIB)) & CRN available
- Analog and HART outputs

## Primary Element Devices

Experflow Measurements, Inc. offers a complete line of primary element devices such as:

- Venturi Tubes (ASME-Classical, Short Form & Insert Type)
- Wedge Style MEters (Standard & Remote Seal)
- Orifice Plates, Orifice Flanges (ANSI-150# to 2500#) & Ring Joint Type



## DP AccuCone Meters

### AccuCone DP Meters - Made in Canada

- Sizes: 2" - 24" sizes
- NPT, insert or flanged
- Accuracy  $\pm 0.5\%$  of rate - calibrated
- Repeatability  $\pm 0.1\%$
- Turndown of 10:1
- Up to 3000psi
- Short straight pipe requirements
- Designed to B31.1 & B31.3
- CS, 304 or 316SS & other materials

## Pressure Transmitters

### Gauge and Absolute Pressure - Made in USA

- Service: Gas, steam and liquids
- Material: 316LSS
- Accuracy  $\pm 0.075\%$  of span ( $\pm 0.04$  available)
- Rangeability 100:1
- Max working pressure: 2000psi (Hydro to 1.5 MWP), burst pressure of 10000psi
- Power: 12 to 45VDC
- Analog and HART outputs
- CSA & CRN

## Locations

### Alberta

#### Calgary (Support Services)

255-5th Ave SW, Suite 910  
Calgary, AB T2P 3G6

(403) 215-7473

#### Lloydminster

6102 56th Street  
Lloydminster, AB T9V 3A9

(780) 875-0807

#### Athabasca

4014 - 53 Street  
Athabasca, AB T9S 1A7

(780) 675-9212

#### Nisku

502 - 25 Ave  
Nisku, AB T9E 0K6

(780) 979-0233

#### Bonnyville

6504 50th Ave  
Bonnyville, AB T9N 2M6

(780) 826-3577

#### Red Deer

7555 Edgar Industrial Dr  
Red Deer, AB T4P 3R2

(403) 343-1110

#### Grande Prairie

10102 123rd Street  
Grande Prairie, AB T8V 8B8

(780) 532-9542

#### Whitecourt

Bay #1, 3430 33 Street  
Whitecourt, AB T7S 1X4

(780) 778-5400

### British Columbia

#### Fort St. John

8916-109th Street  
Fort St. John, BC V1J 6H4

(250) 787-1091

### Ontario

#### Corunna

487 Polymoore Drive  
Corunna, ON N0N 1G0

(519) 862-1763