

# EASTERN *reliability*

## Custom Solutions For Specific Applications

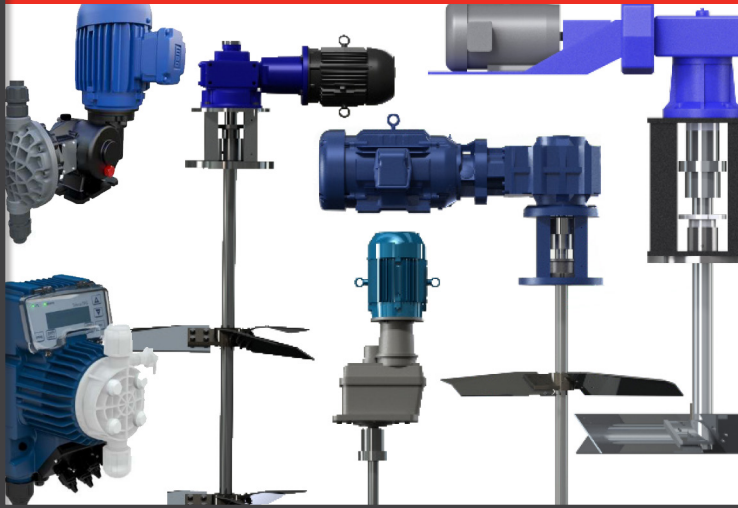
Chemical and Industrial Tanks



Tank, Valve, and Pipe Heating



Pumps and Mixers



Instrumentation and Expansion Joints



# Chemical and Industrial Tanks

## POLYETHYLENE

- 20-20,000-gallon
- NSF and FDA-approved
- Up to 5-year warranty
- Single and double wall tanks
- Horizontal tanks
- Flat, full drain, and conical bottom tanks
- Open and closed-top tanks



## TANK ACCESSORIES

- Polyethylene tank stands and pads
- Heat trace and insulated options
- Metallic, flange, bulkhead fittings, and self-aligning dome fittings
- Vent, fill line assemblies/anti-foam elbow, top discharge assemblies
- Lifting lugs, seismic/wind load, and passive restraint assemblies
- Sight gauge and reverse float level indicator assemblies
- Fiber reinforced ladder assemblies/agitator support brackets
- Interstitial leak detection





# Chemical and Industrial Tanks

## FIBERGLASS FRP TANKS

- Up to 45,000-gallon
- ASME RTP-1 Vessels
- FRPI certified
- Two-year warranty
- Filament wound and contact molded
- Single and double-wall storage tanks
- Flat, cone, dish, and slope bottoms
- Process and mix tanks
- Platforms, ladders, and mixer stands



Fiberglass Reinforced  
Plastics Institute, Inc.  
Eliminating Risks Since 2003



## STEEL AND HIGH ALLOY TANKS

- Up to 250,000 gallons
- Can build to UL, API, AWWWA, ABS, ASME, NYC, ATA, ULC standards
- Atmospheric and ASME certified pressure vessels
- NSF and FDA-certified
- Up to 30-year warranty
- Fireguard tanks that exceed UL-2085 and UL-142 standards for storing flammable and combustible fluids
- Single and double-wall tanks
- Carbon or stainless steel
- Flameshield tanks - dual wall steel tank with interstitial space between the inner and outer tanks that can be monitored for leakage
- Can be erected on-site



# Tank Valve and Pipe Heating

## HEAT TRACE AND ELECTRICAL HEATING PRODUCTS

- Immersion and circulation heaters
- Heat trace products
- Hot water/oil steam boilers
- Insulated and heated tank blankets
- Class 1, Div. 2 heaters
- Corrosion resistant heaters
- Tank heaters
- Heated valve covers
- MI cable
- Heat transfer systems
- FRP tank heating panels
- Epoxy laminated heating panels (flat foil resistive elements)
- Premium warranty
- Controls and sensors



## FABRICATED POLYETHYLENE AND POLYPROPYLENE

- Tanks, Fume Hoods, Lab Equipment, Cabinets
- Polypropylene, PVC, CPVC, Acrylic, Lexan, Delrin, Teflon, PFA and HDPE
- Heavy duty welded construction
- High Purity Tank Skids, Portable and Stationary
- Rigid Storage Totes
- May include steel supports, dividers, access openings, and inlet and outlet fittings in FNPT or flange format





# Mixers, Pumps, Instrumentation, FEJs

## MIXERS

- Top Entry
- Side Entry
- In Line
- Right Angle
- Portable
- Various Metallic/Coated Shaft/Blade Options



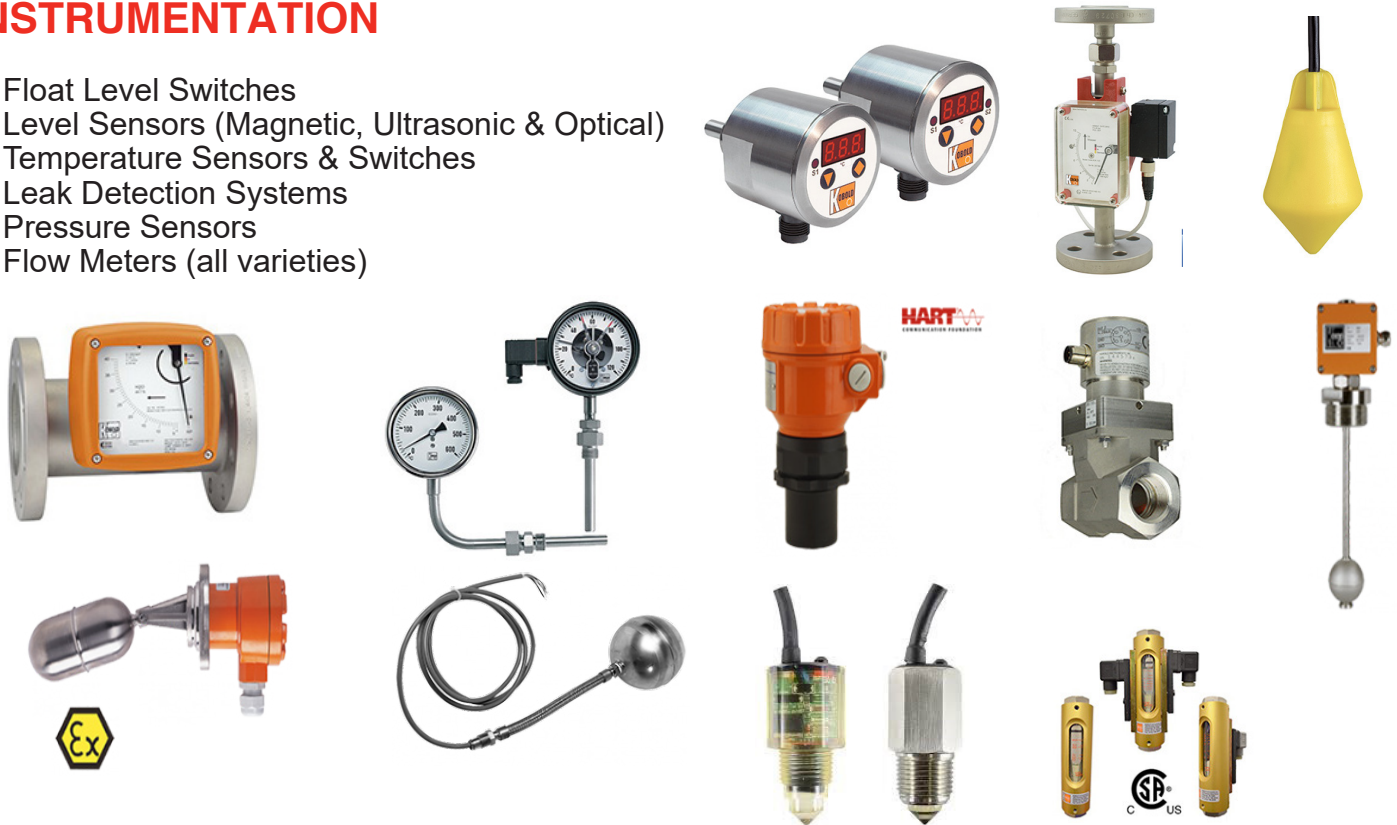
## PUMPS

- Metering/Dosing Pumps
- Solenoid/Motor Driven Pumps
- Peristaltic Pumps
- Multi Pump Systems



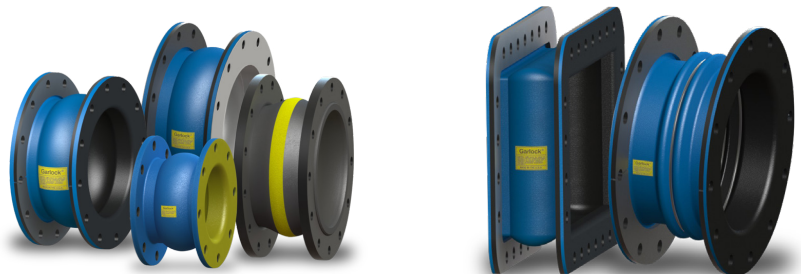
## INSTRUMENTATION

- Float Level Switches
- Level Sensors (Magnetic, Ultrasonic & Optical)
- Temperature Sensors & Switches
- Leak Detection Systems
- Pressure Sensors
- Flow Meters (all varieties)



## EXPANSION JOINTS

- General Service
- PTFE Spool Type
- Narrow Arch Spool Type
- S-Type
- Vacuum and Pressure Type
- Rubber Connectors
- Up to 3 Convolute Option



# Tank Inspection Services & Repair

Eastern Reliability has the privilege of working with customers from many market segments including: chemical process industries, biomedical, pharmaceutical, food, dairy, microelectronics, photonic, breweries, boiler treatment, solid waste, plating, anodizing, steel manufacturing, water treatment, and wastewater treatment.

These industries all have one thing in common; the on-site storage of hazardous chemicals.

Our mission has always been to promote proper chemical storage to protect worker safety, to prevent chemical releases and spills, and to ultimately protect our ground water resources - our precious drinking water supply.



Visit our website for a full listing of [tank inspection regulations by state](#).

## NEED YOUR TANK INSPECTED?

Eastern Reliability can provide primary tank inspection services and works with several regional partners to provide timely, economical, yet very detailed tank inspection services that will meet all regulatory requirements. Inspection personnel have the industry experience, all safety training and professional certifications required for inspectional services.

## Brands



## Contact Us

Our knowledgeable staff has many years of experience in the industry. We welcome the opportunity to put our skills to work for you! Please contact us with any questions or requests.

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