



Integrated Solutions for the  
**BioPharm**  
Industry



**ENPRO**

INC.

>>> *A Relentless Ally for American Manufacturing*

# about us

**E**NPRO, INC. has been in the business of helping our customers solve their process problems for over 55 years. Our technically trained application engineers have expertise in diverse markets to meet the ever-changing business needs of our customers.

By representing leading manufacturers in separation technologies, instrumentation and process equipment, we are committed to providing our customers with innovative tailor-made solutions for their applications.

We combine the strength of our experience with the knowledge of our technologies to help our customers optimize their processes. ENPRO is the premier manufacturer's representative/distributor in each of the following markets:

- |                          |                   |
|--------------------------|-------------------|
| Alternate Fuels          | Injection Molding |
| BioPharmaceutical        | Microelectronics  |
| Cement                   | Mining            |
| Die Casting              | Power Generation  |
| Food & Beverage          | Primary Metals    |
| Fuels & Chemicals        | Printing          |
| Grain Processing         | Pulp & Paper      |
| Industrial Manufacturing | Refining          |



# biopharm

**F**or over 55 years, ENPRO has been serving the BioPharmaceutical industry.

## COMPETENCE

ENPRO's sales and service personnel have a wealth of experience and knowledge. They complete a rigorous training program to ensure that our customers receive a full service solution. Our sales engineers are hands-on and are available at any time to offer maintenance or technical support.

## TECHNOLOGY

Our sales engineers regularly share with our customers the latest advancements in technology. This approach allows our customers to evaluate a variety of options and determine the best solution for their processes.

## PRODUCT RANGE

ENPRO represents manufacturers that have extensive experience in the BioPharmaceutical industry. The engineered products we represent are designed to assist our customers with their diverse applications.

ENPRO's field and service center teams are available 24/7 to repair and maintain equipment for our customers.

## EMERGENCY SERVICE AND PREVENTATIVE MAINTENANCE CAPABILITIES INCLUDE:

- > Air Operated Diaphragm Pumps
- > Chemical Metering Pumps
- > Chemineer Mechanical Seals
- > Compressed Air Dryers
- > Gearboxes
- > Heat Exchangers
- > Oil Purification Equipment
- > Protectoseal Tank Blanketing Valves

# 24/7 Service

# our products



## AMIAD, ARKAL AND PEP FILTRATION SYSTEMS

Media, Manual and Automated Self-Cleaning Filtration Systems

- ▶ Cooling tower bypass
- ▶ Pre-Filtration of media beds and reverse osmosis water systems
- ▶ Pre-Filtration for incoming process water



## HEAT EXCHANGERS

Gasketed Plate and Frame Heat Exchangers and Systems

- ▶ Process fluid heating/cooling
- ▶ Utilities



## SEPARATION TECHNOLOGIES

Cleanable, Depth & Pleated Style Cartridges, Bag and Sheet Filters

- ▶ Sterile air & liquids
- ▶ Steam
- ▶ Pre-RO



## NON INTRUSIVE METERS

Portable and Permanent Non-Invasive Meters for Liquids and Gases

- ▶ Flow
- ▶ BTU
- ▶ Concentration/Density
- ▶ Mass flow





### VALTEK AND KAMMER CONTROL VALVES

Globe and Rotary Control Valves, Positioners and Accessories for Chemical, Gas, Liquid and Steam Applications

- ▶ Steam in place (SIP) systems
- ▶ Tank bottoms
- ▶ Water for injection loops
- ▶ Utility control valves



### HIGH ACCURACY FLOW METERS

Flow Measurement Solutions for Liquids and Gases

- ▶ Turbine
- ▶ Positive displacement
- ▶ Ultrasonic
- ▶ MagMeters



## M4Knick > INSTRUMENTATION

Process pH Solutions for Monitoring and Control

- ▶ Absolute and differential pH
- ▶ Conductivity
- ▶ ORP and dissolved oxygen
- ▶ Holders
- ▶ Transmitters
- ▶ Portable meters



### POSITIVE DISPLACEMENT PUMPS

Progressive Cavity, Multiple Screw and Rotary Lobe Pumps

- ▶ Sanitary and aseptic pump designs
- ▶ Transfer of high viscosity fluids





### CHEMINEER ROTARY AND GREERCO HIGH SHEAR MIXERS

Sanitary Mixers in a Variety of Designs

- Bioreactors
- Fermentors
- Portable tanks
- Emulsifiers and homogenizers



### VAPOR CONTROL AND TANK SAFETY EQUIPMENT

Conservation Pressure/Vacuum Breather Vents, Emergency Vents, Flame Arresters, Detonation Arresters and Tank Blanketing Valves

- Storage tank pressure and vacuum breather vents
- Flame and detonation arresters
- Gas blanketing



### ECLIPSE® SERIES METALLIC AND NON-METALLIC GEAR PUMPS

Magnetic Drive Industrial Duty Sealless Pumps

- Acid transfer and addition
- Water treatment chemical addition



### PULSA, PULSAR AND PULSAPRO SERIES® DIAPHRAGM METERING PUMPS

Metering Pumps Available with Different Pump Head Designs, Materials of Construction, Flow Rates and Pressures

- Water and wastewater pH control
- Polymer feed injection
- Degreasing agent addition
- Colorant addition





### SOLIDS PROCESSING EQUIPMENT

Ribbon and Paddle Dry Product Mixers, Lump Breakers and Conveyors

- ▶ Dry product blending and conveying
- ▶ Mixing and bagging



### SPXFLOW

>Pneumatic Products

>Hankison

>Kemp

Service Center

### HEATED, HEATLESS AND REFRIGERATED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

- ▶ Instrument air
- ▶ Tank blanketing air
- ▶ Breathing air
- ▶ Plant air



### TESCOM™

### PRESSURE CONTROL SOLUTIONS

Pressure Reducing and Back Pressure Manual and Electronically Controlled Regulators

- ▶ Cell culture
- ▶ HPLC
- ▶ Process gas



### VEGA

### NON-CONTACT CONTINUOUS LEVEL MEASUREMENT

Liquid and Solid Level Measurement Technology

- ▶ Bioreactors
- ▶ Feed/Break vessels
- ▶ Tangential flow filtration (TFF) skids
- ▶ Water for injection tanks
- ▶ In-Process and product transfer vessels





## CORPORATE HEADQUARTERS

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