

Mixing Solutions for Multiple Tank Configurations

Expect Engineered Excellence



Pulsair pneumatic mixers are the undisputed leader in Process Control Management. Our systems are designed to operate on minimal nitrogen, thus eliminating temperature fluctuation and specific gravity stratification in tanks. The Pulsair System operates multiple tanks exceeding one million gallons each or more, with one programmable controller, creating a consistent viscosity every time.

For further information, contact
425.455.1263
800.582.7797
sales@pulsair.com
www.pulsair.com

www.aiche.org/cep or Circle No. 150 on p. 63

CALGON CARBON CORPORATION

Calgon Carbon Corporation's Cyclesorb®, Cyclesorb® FP2, and Cyclesorb® HP are compact, portable liquid treatment units containing all the elements of full scale carbon adsorption systems. They are ideal for low flow or short duration projects, contamination by leaking underground tanks, and storage tank or pipeline washing.



800-4-CARBON
email: info@calgoncarbon.com
www.calgoncarbon.com

www.aiche.org/cep or Circle No. 151 on p. 63

Make Systems Free-Flow with the PIPELINE DELUMPER®



-Pressure
-Wet or Dry
3" - 24"
Pipe Sizes

Call Toll-Free
1-800-932-0599

www.franklinmiller.com

See the Difference.....

Franklin Miller 1918 Inc.

60 Okner Pkwy., Livingston, NJ 07039 USA 973-535-9200
Fax: 973-535-6269

www.aiche.org/cep or Circle No. 152 on p. 63

One name rises to the top for FOAM CONTROL



TAYLOR CHEMICAL produces a complete line of SILICONE DEFOAMER COMPOUNDS & RELEASE EMULSIONS manufactured to exacting specifications. Available in technical, food, EPA & Kosher grades. Environmentally friendly. Our response time to customer shipment requirements is unrivalled. So is our value. Call TAYLOR CHEMICAL CO., the anti-FOAM EXPERTS.

Call: 770-339-4460
800-822-4460
Fax: 770-339-4464
www.TaylorChemical.com

www.aiche.org/cep or Circle No. 153 on p. 63



Designed to monitor high, intermediate or low point-level detection on dry bulk solids as well as liquids or slurries, the Dynatrol® Level Detectors are available in corrosion-resistant coatings. The compact, rugged detectors are built in the USA and are solidly constructed for a long operating life. They have no moving parts, require no adjustments and are virtually wear-free – delivering a worry-free solution for your demanding service conditions.

Request your copy of the latest Dynatrol® catalog - on CD!



Covers the complete Dynatrol® line of level switches & detectors, on-stream process analyzers, measurement & control instruments and a new line of accessories. Includes detailed drawings, wiring diagrams, and examples of proven uses.

Automation Products Inc
3030 Maxroy St
Houston TX 77008
800 231-2062
sales@dynatrolusa.com
www.DynatrolUSA.com

www.aiche.org/cep or Circle No. 154 on p. 63

VMGSim™ Integrated Steady State and Dynamic Simulation.



Easily create process models of refining, chemical and oil/gas processing to troubleshoot, design or optimize your plant. Create steady state models, size and rate vessels, columns and heat exchangers. Add your control system to the model and click a button to run dynamically. Use the dynamic wizards to create and run dynamic depressuring and blowdown studies and model multistage compressors and antisurge control. Create custom unit operations and economic models embedded in your process model by dragging the Excel operation onto your PFD. Graphical User interface driven by embedded Visio. Completely Interactive, bidirectional simulation solver.

For more information visit our website at
www.virtualmaterials.com



www.aiche.org/cep or Circle No. 155 on p. 63

Traveling Gangway Fits Any Car or Truck



Track mounted gangway can be moved back and forth along the elevated track and extended as necessary to provide safe and easy access or egress from the vehicle no matter what the spotting or configuration.

HEMCO Industries, Inc.

2408 Karbach

Houston, Texas 77092

Tel: 713/681-2426

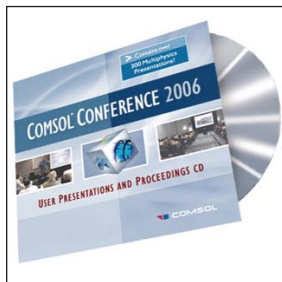
Fax: 713/681-2427

Web: www.hemcoind.com

Email: sales@hemcoind.com

www.aiche.org/cep or Circle No. 156 on p. 63

300 Multiphysics Presentations



COMSOL®, Inc. is now offering a free copy of the 2006 User Presentations CD! The CD is a compilation of over 300 user contributed slides, papers and models presented at multiphysics conferences worldwide. This unique presentation and proceedings CD covers a wide variety of applications including Chemical Engineering, Fluid Dynamics, Heat Transfer, Reaction Engineering and much more.

Request your complimentary copy at www.comsol.com; Tel: 781-273-3322



www.aiche.org/cep or Circle No. 157 on p. 63

ProMax® is a powerful and versatile stream based process simulation package used for the design and optimization of gas gathering, amine sweetening, gas processing, refining and chemical facilities. **ProMax** contains over 50 thermodynamic package combinations, 2300 pure components, OLE automation, oil characterization, Microsoft® Excel® spreadsheet embedding and utilizes Microsoft Visio® as the drawing package. BR&E recently announced the release of **ProMax** version 2.0. This version of **ProMax** contains a complete reactor suite for modeling kinetic (plug flow and stirred tank), equilibrium, conversion, and Gibbs minimization schemes. This new feature along with many additional enhancements combines to uphold **ProMax's** reputation as the "must have" simulation tool for engineers around the world.

<http://www.bre.com>
sales@bre.com
 979-776-5220



www.aiche.org/cep or Circle No. 158 on p. 63

Save The Date:

2008 AIChE Spring National Meeting & 4th Global Congress on Process Safety



April 6-10, 2008

New Orleans Convention Center
 New Orleans, LA

For the latest information visit:
www.aiche.org/spring

The 2008 AIChE Spring National Meeting will feature joint programming with the American Chemical Society (ACS)

Highlights of the meeting include

- *The 4th Global Congress on Process Safety featuring:*
 - 23rd CCPS International Conference
 - 42nd Loss Prevention Symposium
 - 10th Process Plant Safety Symposium
- *The 10th International Conference on Microreaction Technology (IMRET)*
- *The 20th Annual Ethylene Producers Conference*
- *11th Topical Conference on Refinery Processing*

© 2007 AIChE 9.07

