

## MAG HYDROXIDE



**MIXING MAGNESIUM HYDROXIDE IS FAST AND EASY WITH PULSAIR**

• PULSAIR CAN MIX MAG HYDROXIDE IN ALL KINDS OF TANKS: STEEL - STAINLESS STEEL - POLYETHYLENE - FIBERGLASS - CONCRETE - WOODEN - TOTES AND DRUMS

- NO SPECIAL REQUIREMENTS
- NO INTERNAL Baffles
- NO STRUCTURAL SUPPORTS
- NO REINFORCEMENTS
- LOW MAINTENANCE
- MOST INSTALLATIONS TAKE LESS THAN A DAY
- RETROFIT EXISTING CAUSTIC OR STORAGE TANKS

**SOUND EASY? IT IS EASY!**

CALL PULSAIR SYSTEMS FOR ADDITIONAL INFORMATION AND PRICING  
800-582-7797 OR BY EMAIL SALES@PULSAIR.COM



**www.pulsair.com**

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 150 on p.79



### SAMSON Type 3525 Dump Valve

This compact sized control valve is designed for on-off service including gas separators, scrubbers, compressors and other high pressure oil and gas applications. Easy removal of the bonnet allows for access to the environmentally friendly live loaded packing. This simple bonnet removal also gives access to the NACE compatible stellite seat and plug designed for highly erosive services. Other standard design features include easy field selectable Cv values, a field reversible actuator and a low temperature design of -50 F.



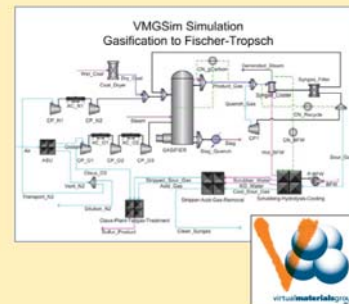
**Samson Controls Inc.**  
Phone: (281) 383-3677  
Fax: (281) 383-3690  
Internet: [www.samson-usa.com](http://www.samson-usa.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 151 on p.79

## Loved by Engineers

### VMGSim Process Simulation

- Gasification • Fischer-Tropsch
- Reforming • Carbon Dioxide Removal • Sulfur Recovery



**APPROVED By CFOs**

Virtual Materials Group, Inc.  
USA 281-346-1200  
Canada 403-210-8125  
[www.virtualmaterials.com](http://www.virtualmaterials.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 152 on p.79

## Free COMSOL Conference CD



COMSOL® is now offering a free copy of the 2010 Edition of the Conference CD! This CD is a well rounded compilation of works from the worldwide multiphysics simulation community. It contains over 400 slideshows from our recent conferences in Boston, Milan and Bangalore. Applications featured include microfluidics, electrochemistry, transport phenomena, reaction engineering, and many more.

**Request your complimentary copy of the CD at [www.comsol.com](http://www.comsol.com). Tel: 781-273-3322**



[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 153 on p.79

## Measure Color...Measure Quality



### Color Measurement Systems

**Stop** using subjective visual methods of reporting color, the lack of color or yellowness.

**Start** using objective instrumental methods and gain the benefits of sensitivity, precision and accuracy.

- ◆ Measure metrics such as Saybolt, APHA/ PtCo/Hazen, Gardner Scale, ASTM D1500, yellowness/whiteness and haze.
- ◆ Measure reflected or transmitted color for materials in the form of solids, sheets, films, pellets, granules, tablets, powders, paste and liquids.
- ◆ Portable, Benchtop and On-line Systems



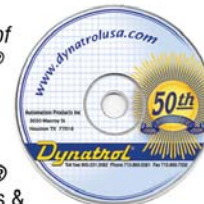
[www.hunterlab.com](http://www.hunterlab.com) info@hunterlab.com  
Tel: (703) 471-6870 Fax: (703) 471-4237

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 154 on p.79



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](http://www.DynatrolUSA.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 155 on p.79