

CEP Showcase

Process Measurement and Control Instruments

OTEK CORP.
Model MEGAMETER



- * Bargraphs
- * DPMs/Counters
- * Wireless
- * 4-20mA I/O

1.5" TO 7" DIGITS WITH
101 TRICOLOR BARGRAPH

520-748-7900/877-227-6835

Reader Service Number # 150

Chemical Engineering Modeling Tool



COMSOL, Inc.'s FEMLAB puts you on the front line! FEMLAB Chemical Engineering comprises a powerful, unique environment for modeling momentum, heat and mass transport coupled to chemical reactions. Now you can model fluid flow, gas flow and incompressible turbulent flow using a single tool. FEMLAB's key features include: simultaneous solving of an arbitrary number of coupled nonlinear

PDEs and state-of-the-art solvers for linear and nonlinear stationary and time-dependent problems in 1D, 2D, and 3D. www.comsol.com

Reader Service Number # 152

Piping Design Software



Chemstations has released CC-SAFETY NET for piping networks and safety relief systems, including two phase venting. These systems can be studied in a steady state or dynamic

mode. The calculations use the core components of the CHEMCAD simulator: a full physical property database and set of thermodynamic options for calculating phase equilibrium; this sets CC-SAFETY NET apart and gives users distinct, bottom-line advantages.

Visit us, <http://www.chemstations.net>, or call us, 800-243-6223.

Reader Service Number # 154

VMGSim™ Advanced Process Simulation



Simulation Software with the largest pure component database commercially available. Over 5,000 pure components. Molecule builder enables graphical construction of complex molecules and automatically estimates physical properties and group contributions. Write custom reactor kinetics without programming knowledge. Create custom unit operations embedded in your process model using the embedded Excel™ operation. Embed HTRI Xchanger Suite™ exchangers in the process model. Completely Interactive, Bidirectional simulation environment. **For more information visit our website at www.virtualmaterials.com**

Reader Service Number # 151

ProMax® with TSWEET® & PROSIM®



ProMax® is a powerful and versatile stream based process simulation package for the design and optimization of gas gathering, amine sweetening, gas processing, refining, and chemical facilities. **Bryan Research & Engineering, Inc.** Tel: 979-776-5220; www.bre.com

Reader Service Number # 153

Bulk Truck Access & Fall Protection



Product folds down and in one motion provides both access and fall protection along entire length of loading rack for loading and/or unloading of bulk trucks and bulk railcars as well as tank cars and tank trucks. It is supplied in manual, hydraulic, or available compressed air

operation and easily installed on any rack with plant maintenance personnel. **HEMCO Industries, Inc.** 2408 Karbach, Houston, Texas, 77092. (713-681-2426) hemcoind.com

Reader Service Number # 155