

# CEP Showcase

## Process Measurement and Control Instruments



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

Model 900

4-20mA TRANSMITTER-RECEIVER-CONTROLLER  
All **LOOP POWERED**

520-748-7900/877-227-6835

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## VMG Thermo™



VMGThermo™ is a Thermo Physical Property System Add-in provided as a software development toolkit consisting of callable DLLs and OLE/COM components. VMGThermo™ enables software developers to quickly implement rigorous thermo property packages in almost any application. Includes API's for most popular development platforms, including VB, C++, Excel™, Matlab™. Supports Windows™ and Linux™. Features the largest commercially available pure component database with other 5,000 components; a full range of EOS and Activity coefficient methods including comprehensive built-in interaction parameters. Includes support for oil characterization and refinery properties. Extensively validated. [www.virtualmaterials.com](http://www.virtualmaterials.com)

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## Chemical Engineering Modeling Tool

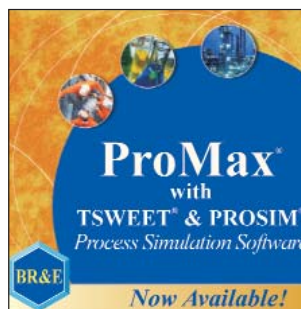


COMSOL, Inc.'s FEMLAB puts you on the front line! FEMLAB Chemical Engineering comprises a powerful, unique environment for modeling momentum, heat and mass transport coupled to chemical reactions. Now you can model fluid flow, gas flow and incompressible turbulent flow using a single tool. FEMLAB's key 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](http://www.comsol.com)

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## 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](http://www.bre.com)

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## 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.

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## Drivers/Loaders Feel Secure with All-Round Fall Protection



This Stair-Platform-Gangway package eliminates the dangers of climbing up and down ladders on the sides or backs of trucks and walking dangerously on top. Drivers or loaders can now walk up a safe stair, lower down a maneuverable gangway with attached safety enclosure, walk safely out to the top of the truck where the enclosure gives all round fall protection.

Contact HEMCO Industries, Inc., 2408 Karbach, Houston, Texas 77092, Telephone 713-681-2426, Fax 713-681-2427, Web [www.hemcoind.com](http://www.hemcoind.com) or email [sales@hemcoind.com](mailto:sales@hemcoind.com).

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