

CEP Showcase

Plant Design Software



COADE offers a free demonstration CD that illustrates its plant design and analysis programs. Walkthrough demonstrations describe software for mechanical design and analysis of piping systems and pressure vessels, piping CAD, and oil storage tank design. Executable demonstrations are included to provide "hands-on" evaluation of these popular packages.

Contact us at (281) 890-4566 or sales@coade.com. Visit our web site at www.coade.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.

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Therminol VLT



Therminol VLT is the first synthetic fluid to allow liquid-phase cooling at -115°C , as well as the flexibility of single-fluid cooling and heating in systems up to 175°C . The product also offers a viscosity of 45 cP at -115°C , which allows for efficient heat transfer and pumpability at extremely low temperatures. **For more information, call 1-800-433-6997 or visit www.therminol.com**

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Bryan Research & Engineering, Inc. Tel: (979) 776-5220 Web site: 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, 1-800-243-6223.

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Molecular Weight in 3 Minutes



Viscotek's Flow Injection Polymer Analysis (FIPA) technique delivers fast and accurate average molecular weight and intrinsic viscosity in 3-5 minutes — without the need for elaborate sample preparation. FIPA provides the perfect complement to your current testing methods. Short sample turn-around time means it can be used for high throughput screening as well as routine process and quality control. **For more information call us at 1-800-375-5966 or visit us at www.viscotek.com**

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