



## Simprotek Released Simprosyst 2.2



-- An Innovative Software Package Specifically Designed for Drying System and Dryer Design



## Simprosyst 2.2 Supports 13 Additional Nonaqueous Organic Liquids Drying

In addition to Water-Air, Simprosyst 2.2 also supports Ethanol-Air, Ethanol-Nitrogen, Carbon Tetrachloride-Air, Benzene-Air, Toluene-Air, Acetic Acid-Air, Acetic Acid-Nitrogen, Acetone-Nitrogen, Methanol-Nitrogen, N-Propanol-Nitrogen, Isopropanol-Nitrogen, N-Butanol-Nitrogen, Isobutanol-Nitrogen systems.

## Design Engineers

can quickly layout a drying flowsheet and compute the heat/mass balance of the whole plant using Simprosyst to obtain the necessary process parameters such as the *Air Flow Rate* to the dryer, the *Capacity* and *Power* requirements for the blower, the *Heat Duty* of the heater as well as the *Thermal Efficiency* and *Specific Heat Consumption* of the dryer(s). They can explore various arrangements of the unit operations and experiment with different operating conditions to reach optimized design.

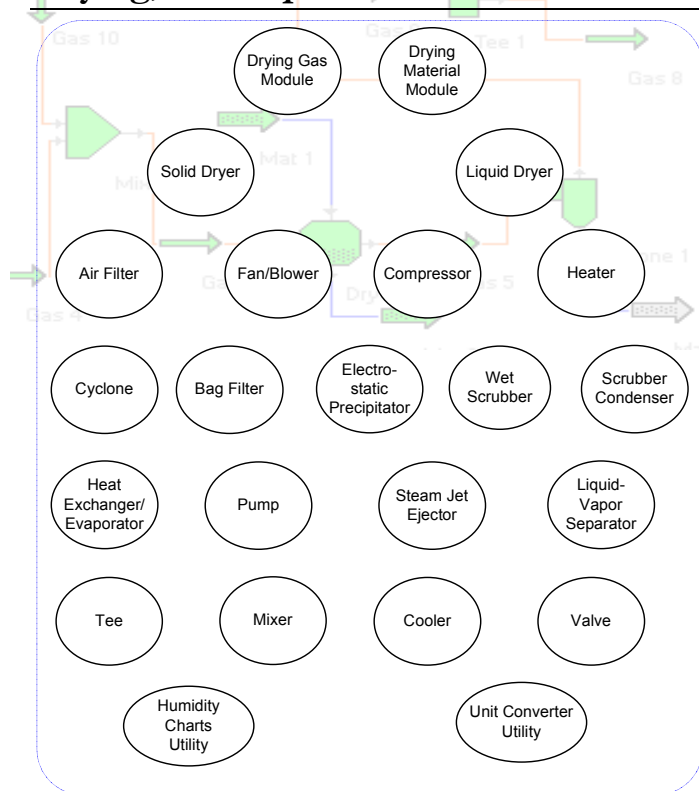
## Process Engineers

can layout any drying plant as a flowsheet and analyze the whole process to obtain the process parameters as well as *Thermal Efficiency* and *Specific Heat Consumption* of the dryer(s) for trouble shooting or optimizing operating conditions.

## Professors

can use Simprosyst for undergraduate and postgraduate design and research projects. With Simprosyst students can do what-if analysis which would otherwise take an unrealistically long time to accomplish. They can also use Simprosyst as a teaching tool to show students the effects of input parameters on the output parameters for a typical plant. Practicing engineers and scientists can also use it as a self-learning tool.

## Simprosyst 2.2 Contains 19, for Water Air, 15 for Nonaqueous Organic Liquids Drying, Unit Operations



Simprosyst also includes a complete unit conversion system. Users can convert their inputs and outputs of a large flowsheet from one set of units to another with just one click.

## Simprosyst is Intuitive and User Friendly

It also has an effective tutorial to teach users step by step how to use the software to simulate typical drying and evaporation related processes. It requires minimal self-training and effort to use it effectively.

## Simprosyst is Developed

with the expertise of internationally recognized experts on drying, process simulation and software development using the most advanced software technology, viz. Microsoft .Net and C#. For more information, please visit

[www.simprotek.com](http://www.simprotek.com)

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