

Gas Equilibrium, WIN CD

Easily investigate the physical and chemical factors that influence gas equilibrium.

Product Features

Experiments Can be Saved at Any Stage	16 Experiments in the Form of Blackline Masters and Saved Files.
Data Can be Saved as a Text File for Later Analysis in a Spreadsheet	Graphs Show Concentration Curves and Reaction Rates
Reactions Can be Instantly Brought to Equilibrium	Sample Flask Changes Colour in Response to NO ₂ and I ₂ Concentrations

Grade Level

High School • College • University

Detailed Product Information:

Using Gas Equilibrium, your students will perform a hands-on investigation of both the qualitative and quantitative aspects of the concept of gas equilibrium. They will interact with various simulated labs that will demonstrate the relationship between volume, pressure, temperature, and concentrations of gases in an equilibrium system as well as Le Chatelier's Principle. Interactive control over gas concentrations; volume; pressure; temperature; add inert gases is built-in as is the ability to introduce a catalyst. Experimental data can be saved at any stage as a text file for easy loading into spreadsheet programs for later detailed analysis. Teacher's options allow you to control the type of data collection methods available to your students including manual and automatic data collection.

Using a button, slide or text entry your students can change:

- Gas Concentrations either by moles-L or number of moles.
- Volume.
- Pressure
- Temperature.
- Add an inert gas with or without changing the volume.
- Introduce a catalyst.

Teacher options allows you to control the type of data collection methods available to your students:

- Automatics Data Collection at selected intervals.
- Different types of data to be collected, viewed and printed.
- Reactions to stop at equilibrium.
- Reactions to stop at intervals to allow manual data collection.

Tangent Scientific

P.O. Box 705, Lewiston, NY 14092 • phone 1-800-363-2908 • fax 1-877-704-1555
web www.tangentscientific.com • lisa_tangent@cogeco.net

System Requirements:

Windows:

Windows 3.1/95 or later

486DX/66 MHz processor or better

8 MB RAM

800 x 600 resolution SVGA color monitor, 256 colors

2X CD-ROM drive

List Price:

Gas Equilibrium, WIN CD, Single User

Item: 99123301 Price: \$79.00

Gas Equilibrium, WIN CD, 5 User

Item: 99123305 Price: \$159.00

Gas Equilibrium, WIN CD, 10 User

Item: 99123310 Price: \$259.00

Tangent Scientific

P.O. Box 705, Lewiston, NY 14092 • phone 1-800-363-2908 • fax 1-877-704-1555

web www.tangentscientific.com • lisa_tangent@cogeco.net

About Tangent

Ordering Information

Tangent Scientific accepts official purchase orders from recognized institutions. We require prepayment for individuals, home-schoolers, and businesses. You may place a purchase order with Tangent by e-mail, mail, fax, or telephone.

Have a product or curriculum question?

Tangent Scientific can answer your questions and help you select the best software available to suit your needs. We strongly encourage you to call or e-mail our office with any questions you may have.

To request product information, brochure or catalog?

Call or e-mail your request to our office and we will be happy to forward all available product information.

Previews

At your request software can be previewed and evaluated before you commit to the purchase – just by calling 1-800-363-2908. Previews are full, complete versions of the program that are made available to interested educators for a trial period of 15 days without the need for an official purchase order. Call for further details!

Request a Quote

For competitive product pricing on larger network, building, site or district licenses and custom software packages, please contact customer service by telephone or e-mail. Please be sure to include which product(s) you are interested in, and the number of users you wish to purchase.

Contact Us

Toll Free Telephone
1 800 363 2908

Toll Free Fax
1 877 704 1555

Our Complete Mailing Address is:

Tangent Scientific Supply Inc.
PO Box 705
Lewiston, NY 14092-0705

E-Mail:

info@tangentscientific.com

Technical Support:

For technical assistance please complete the Support Form on our webpage.

Tangent Scientific

P.O. Box 705, Lewiston, NY 14092 • phone 1-800-363-2908 • fax 1-877-704-1555
web www.tangentscientific.com • lisa_tangent@cogeco.net