

BENCHMARKS

NEW PRODUCTS

Baker Introduces AniGARD® VF

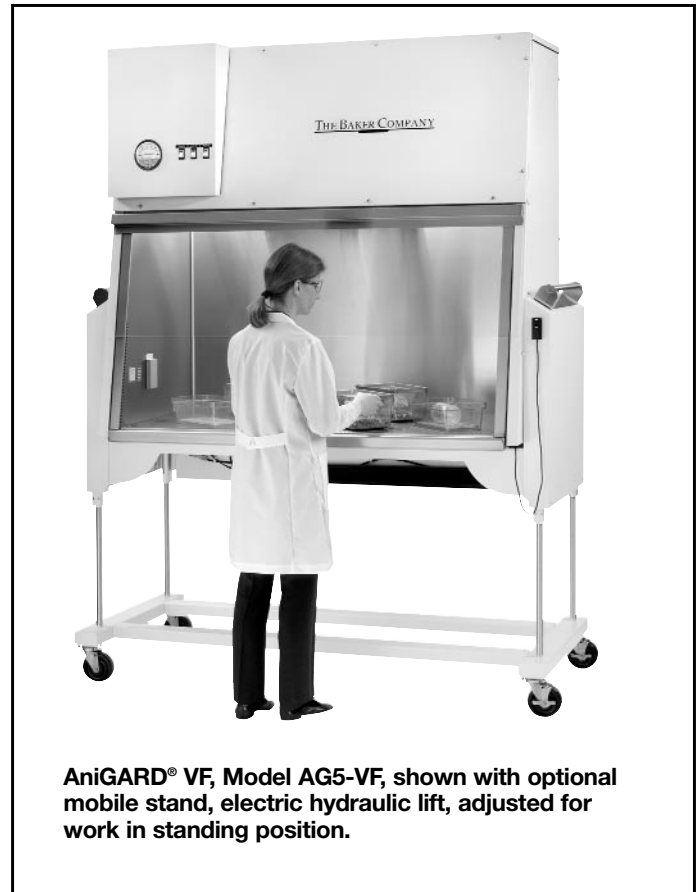
Complementing The Baker Company's line of animal research products, Baker's new AniGARD® VF Animal Transfer Station provides superior product protection for your cage-changing needs. The AniGARD® VF, which is a larger version of Baker's AniGARD® II Animal Transfer Station, is a vertical-flow recirculating air clean bench designed to provide animal protection and particulate control during routine cage-changing operations while maximizing productivity and flexibility.

The AniGARD® VF provides Class 100 protection by delivering HEPA-filtered air to the work surface. The five-foot cabinet also is ergonomically engineered, featuring an optional adjustable work surface and slanted viewscreen for increased worker comfort. The AniGARD® VF provides another alternative for safely changing animal cages.

FEATURES

- Mobile (optional) or stationary
- 14" sash opening
- New forklift slots on rear facilitate installation
- Tall interior height and jumbo work surface accommodate all your work
- Fully hinged viewscreen gets completely out of your way
- Better than ISO Class 5 air cleanliness provides superior product protection
- Top-to-bottom airflow recirculates through a HEPA filter to reduce amounts of dander, bedding and other particles
- Pre-filters extend the life of HEPA filters

The AniGARD® VF offers a wide range of features and benefits to the user. See Page 4 for cabinet details. For more information about the AniGARD® VF, contact The Baker Company at (800) 992-2537 or visit www.bakerco.com.



AniGARD® VF, Model AG5-VF, shown with optional mobile stand, electric hydraulic lift, adjusted for work in standing position.

Baker's animal research products line includes:

- AniGARD® II ATS — Unique three-sided animal transfer station
- SterilGARD® ATS — Class II biological safety cabinet, 4' and 6' foot models
- EdgeGARD® ATS — Class 100 clean bench
- SterilGARD® Necropsy Cabinet
- SterilGARD® Waste Disposal Cabinet

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**EAGLESON INSTITUTE
2004 SEMINAR
SCHEDULE**

MARCH

15-19 Advanced Certification
20-21 NSF Exam

MAY

17-18 HVAC Systems &
Laboratory Design
19-20 Safety Cabinet
Technology
21 Introduction to
Certification
21 ASHRAE 110 Testing
Workshop

JUNE

7-10 Testing HEPA Filters
in Cleanrooms,
Laminar Flow Benches
and HVAC Systems

SEPTEMBER

13-17 Advanced Certification
18-19 NSF Exam

OCTOBER

4-7 Testing HEPA Filters
in Cleanrooms,
Laminar Flow Benches
and HVAC Systems

NOVEMBER

1-2 Safety Cabinet
Technology
3 Introduction to
Certification
3 AHSRAE 110 Testing
Workshop
4-5 HVAC Systems
4-5 Fundamentals of
Laboratory Safety
8-10 Laboratory
Commissioning and
Controls

For more information about our
classes, contact:
Eagleson Institute
P.O. Box 954, Sanford, ME 04073
(207) 490-1076 • (207) 324-3869 (Fax)
Eagleson@eagleson.org
www.eagleson.org



Visit Our Web Site
www.bakerco.com



Eagleson Institute Spring Seminar Series

Plan to join us at Emory University in Atlanta, Ga., for our annual Spring Seminar Series on May 24-26. This year's programs focus on BSL-3 facilities.

The BSL-3 Facility Design class will involve discussion of the planning decisions that must be made at the start of a project, such as budgeting and laboratory layout. The second part of the program will examine the details in executing a project, which includes both architectural and engineering issues. Laboratory equipment and waste removal will also be addressed.

The BSL-3 Operations class will be taught by a team of instructors from

the Centers for Disease Control and Prevention. This program will be a combination of lecture and practical, hands-on applications. Topics will include:

- Standard and special BSL-3 practices
- Safety equipment (BSCs, centrifuges, respirators and autoclaves)
- Specimen packaging and transport
- Waste management
- Emergency response
- Laboratory monitoring and maintenance
- Biosecurity and inspection

Animal Facility Design Colloquium

Due to the success of last year's colloquium, we are returning to the Harraseeket Inn in Freeport, Maine, for our second annual colloquium. This year's program, June 20-23, will concentrate on animal facilities and the future needs and design requirements of these facilities.

Day one will focus on early design decisions and how they influence the operation of animal facilities. Case studies

will be presented. The second day will focus on cost issues and how they relate to containment and energy efficiency. Cutting-edge philosophies on mechanical systems will be presented. The colloquium will conclude with a discussion on the NIH granting and review process for infrastructure upgrades.

For more information or to request a brochure, contact Sandy at (207) 490-1076 or email eagleson@eagleson.org

ABOUT US

Benchmarks is a quarterly publication of The Baker Company. If you have suggestions or comments, please call The Baker Company. Please share this copy with others and feel free to photocopy any of the articles you wish. For copies or a free subscription, contact:

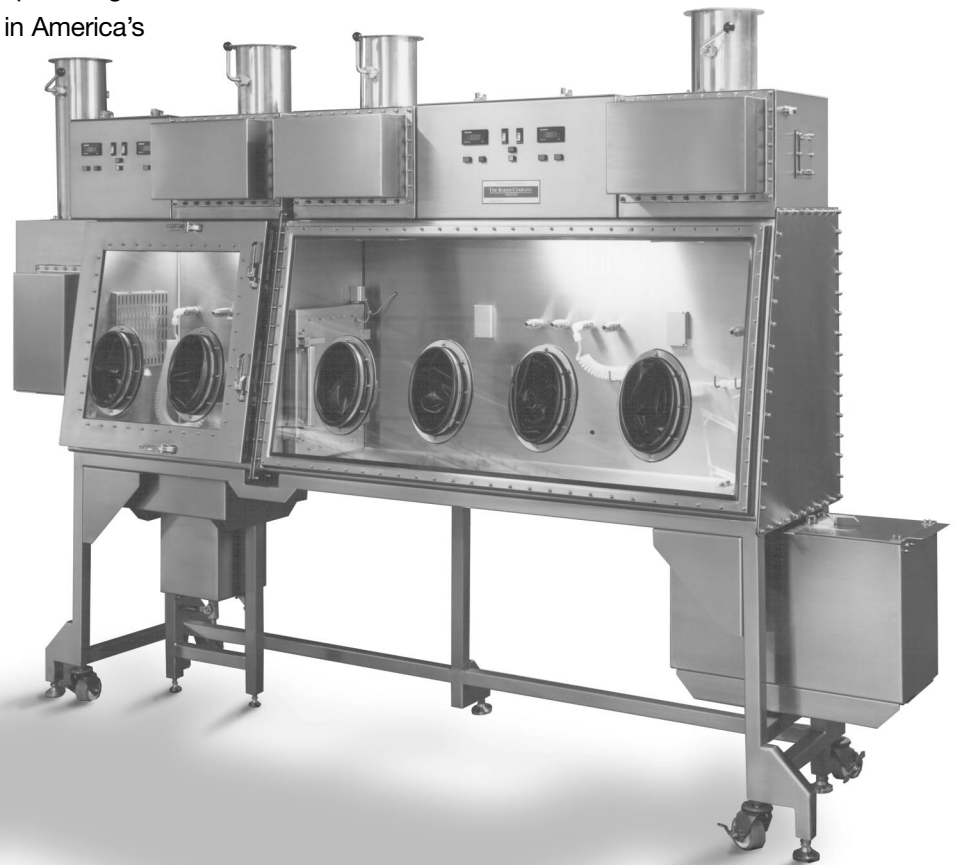
The Baker Company • PO Drawer E • Sanford, ME 04073
(207) 324-8773 • (800) 992-2537 • Fax: (207) 324-3869
E-Mail bakerco@bakerco.com

Baker Class III Biological Safety Cabinets — Gloveboxes Help Homeland Security

The Baker Company has always offered Class III biological safety cabinets to safely contain high-risk biological agents (BSL-4 and exotic agents). Today, Baker is providing these maximum containment gloveboxes to aid in America's Homeland Security efforts.

Law enforcement agencies often receive or pick up packages that contain unknown liquids or powders. These containers are sometimes suspected to contain chemical or biological hazards associated with terrorist activities. The samples must be handled with extreme care and caution so front-line workers are protected. Samples need to be contained and protected from contamination so a proper analysis of their makeup can be performed.

The Baker Company has responded to this need by offering a specialized high-containment biological safety cabinet (glovebox) designed to safeguard front-line workers from potential chemical or biological exposure to unknown agents. Baker designed and built the glovebox with special materials that protect workers from both chemical and biological agents. Baker also designed a unique receiving pass-thru chamber so the sample can be unpacked, under containment, at a comfortable ergonomic height.



Baker's Class III gloveboxes are built to the highest leak-tightness specifications to ensure the safety of laboratory workers. Baker's design also protects the integrity of the sample for law enforcement use. The Baker Company helps to protect America's Homeland Security workers so they can protect the rest of us.

Contact The Baker Company for more information or for a quotation. Phone: (800) 992-2537. Fax: (207) 324-3869.
E-mail: bakerco@bakerco.com. Visit www.bakerco.com to find your local Baker Company sales representative.

AniGARD® VF Design Features

Improved Productivity

- Wide work area permits access by multiple operators.
- Flat, spacious work surface allows cages to be pulled in and out quickly.
- Interior dimensions are 31 3/4" H x 23" F-B x 58"
- The 14" high access opening to the work area accommodates a variety of cage sizes; hinged viewscreen opens to 30" allowing access to work area and greater visibility during normal operation.

Optional Mobile Operation

- When configured with optional mobile stand with casters and pull bars, the AniGARD® VF is easy to move and maneuver throughout the laboratory.
- At lowest adjustment, the low-profile unit fits through standard doorways and down laboratory aisles.
- The hydraulic adjustment positions the work surface elevation at infinite levels from 21" to 40".



AniGARD® VF, Model AG5-VF, shown with optional mobile stand, electric hydraulic lift, adjusted for work in seated position.¹

Ergonomics Benefits

- Slanted 10° viewscreen for operator comfort and direct line-of-sight viewing.
- Well-lighted workspace reduces eyestrain; optional light switch.
- Clear viewing area provides easy access to the workspace.
- Optional mobile stand with one-touch electronic control over hydraulic lift system allows infinite adjustment of work surface height from 21" to 40" to accommodate various sized operators seated or standing.
- Low noise level improves operator comfort and reduces effect of ambient noise on animals.

Construction Features

- Primary HEPA supply filter is removed through the plenum area, limiting the release of trapped materials while changing the filters.
- Ability to scan-test HEPA filters ensures leak-free integrity.
- The hinged viewscreen has a unique latch system to maintain the viewscreen in an upright position when required.
- Designed for easy serviceability including access panels for all electrical components.
- Rear forklift slots facilitate installation.

Momentum Air Curtain

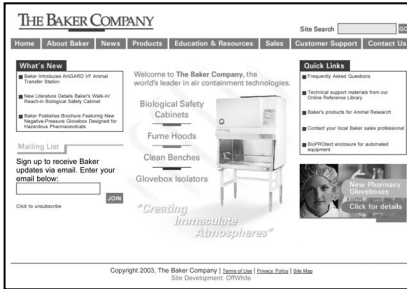
- The AniGARD® VF employs a unique *momentum air curtain* to help ensure product protection and offer additional protection without restricting access.
- This airflow design generates a more impenetrable barrier along the perimeter of the work surface, working to prevent room particulates from entering the work area.
- High velocity return air slots along the front of the work surface under negative pressure assist in capturing particulates that are knocked down by the momentum air curtain.

¹ **Note:** The AniGARD® VF is not a substitute for a Class II Biological Safety Cabinet. (See SterilGARD® III Advance® at www.bakerco.com for a higher level of containment.)

Contact The Baker Company for more information or for a quotation. Phone: (800) 992-2537. Fax: (207) 324-3869. E-mail: bakerco@bakerco.com. Visit www.bakerco.com to find your local Baker Company sales representative.

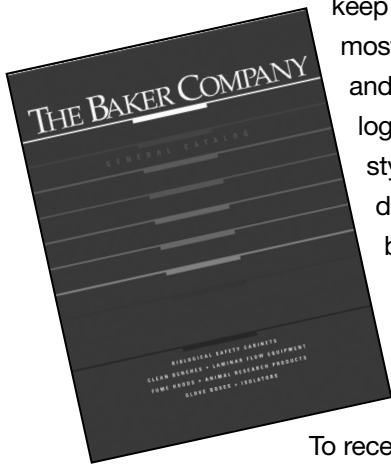
New Baker Web Site

Baker's new and improved Web site, at www.bakerco.com, is much easier to navigate and includes some exciting features. For instance, visitors can download our product brochures in PDF format as well as our Benchmarks newsletter and Acumen scientific white papers. You can find product specifications, breaking company news, frequently asked questions, engineering drawings and our event & trade show schedule. We also plan to add other features, including operator's manuals and other useful information.



Updated General Catalog

The Baker Company is pleased to announce the release of our new and improved general catalog. The catalog is a three-ring binder style that will allow our representatives to keep you updated with the most current Baker offerings and improvements. The catalog maintains the textbook-style front section that details the theory behind biological safety cabinets as well as the various classes and types of bio-safety cabinets.



Available in March 2004

To receive a new catalog, visit www.bakerco.com, call one of our customer support representatives at (800) 992-2537, send a fax request to (207) 324-3869, or ask your local Baker sales representative. Materials are also available in printable pdf files on our web site.

United Way Gold Award

At 85 percent participation in this year's United Way fund-raising campaign, The Baker Company took home the gold again. It is a well-deserved tribute to the employees of a company that honors involvement in the community. The Baker Company encourages, through its leadership, participation at all levels.

"Whether judging a science fair at the elementary school, working at Day of Caring sites, organizing and running the Best of the Best of York County or volunteering in each community, The Baker Company and its employees are there," said Gayle Spofford, Baker's United Way campaign coordinator. "We get dressed up or dressed down -- whatever it takes -- to show we are part of the solution. Of course, we have some fun along the way. This year's campaign presentation was based on The Gong Show."

The Future Looks Bright



Old Glory waves in the gentle breezes of Sanford, Maine from Baker's new flag pole.

As busy as 2003 was, we expect 2004 to offer more. Baker promises continual product improvements, new products, improved customer service and an increasingly user-friendly web site. Stay tuned for more positive changes from The Baker Company.

FOR INFORMATION

Fax Us Your Request Today

or visit our website library at www.bakerco.com.

 (207) 324-3869

- SterilSHIELD® Sterility Assurance Glove Box
- ChemoSHIELD® Containment Glove Box
- SterilGARD® 303 (3-foot) Biological Safety Cabinet
- SterilGARD® 403/603 (4-foot/6-foot) Biological Safety Cabinet
- BioPROtect® II Walk-In Biosafety Enclosure
- MicroGARD® Precision Weighing Station
- Ergonomic Accessories Brochure
- Custom Products Brochure
- Animal Research Products
- Have a Local Representative Call Me

From:

Name

Company

Title

Address

City

State

Zip

Phone

Fax

E-mail

Choose the product literature you would like to receive, photocopy this page and fax it to us.
We will process your request right away.

THE BAKER COMPANY

P.O. Drawer E, Sanford, ME 04073
(800) 992-2537 Fax (207) 324-3869
bakerco@bakerco.com www.bakerco.com