

BENCHMARKS

A Baker Company Newsletter

Spring 2007

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www.bakerco.com*

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The Baker Company Expands To Serve You Better

As part of our commitment to better customer support, The Baker Company recently completed a large expansion. Baker's additions include a new building, a second complete biological testing laboratory, expanded cabinet testing facilities, a larger product development area, a new laser steel-cutting machine, another heavy-duty press brake, and several new metal craftsmen.



The Baker Company's new state of the art Microbiological Laboratory enables us to prove out new designs, develop new products faster, and insure the health and safety of our customers. Baker's microbiological laboratories are overseen by Dr. David S. Stuart, Ph.D.

"Our new building will double our micro-biological testing capacity and allow us to accelerate our new product programs. New manufacturing equipment will not only reduce our lead times but also set new standards for fit and finish in our industry."
— **Scott Semle, Vice President Operations**

Baker's new laser steel cutting machine reduces the time needed to perform complex cutting operations, eliminates the need for additional finishing, and enables us to cut new shapes. Its' precision and accuracy is unmatched allowing Baker to achieve new levels of quality and innovation.



EAGLESON INSTITUTE 2007 SEMINAR SCHEDULE



March

Advanced Certification
NSF Exam

May

HVAC Systems
Safety Cabinet Technology
ASHRAE 110 Testing Workshop
Intro to Certification

June

Testing HEPA Filters

September

Advanced Certification
NSF Exam

October

Testing HEPA Filtered Systems

November

Safety Cabinet Technology
Intro to Certification
ASHRAE 110 Testing Workshop
HVAC Systems and Lab Design
Biocontainment Laboratory
Commissioning

www.eagleson.org

The Eagleson Institute

Free Offer from The Eagleson Institute:

To assist you in understanding the differences between types of Biological Safety Cabinets (BSCs) we have created a chart to post in your laboratory. This chart shows the airflow patterns and definitions for Class II Type A1, A2, B1, and B2 cabinets. To obtain your free copy, please email eagleson@eagleson.org.

Special Half Day Seminar “Bring The Institute to You”

The Eagleson Institute will come to you with a fast paced and fun half day class. This successful program has been implemented in many prestigious institutions. Students learn how Biological Safety Cabinets (BSCs) work, how HEPA filters protect the laboratorian, and the operator's role in safely and effectively using BSCs. The class includes demonstrations that illustrate air flow patterns and how they can be interrupted when the BSC is used incorrectly.

“I learned a great deal from your very entertaining and informative session. Your lab demonstration was a big hit and helped drive home the lecture points” — Dr. Rodger Silletti NYCDOHMH

For more information on how to bring the Eagleson Institute to you please contact them at: Eagleson@eagleson.org, fax: 207-490-7106 or call: 207-490-1076

The Eagleson Institute Awards College Scholarships to Children of Baker Employees



The Eagleson Institute is pleased to announce the first recipients of a new scholarship. This scholarship is given to children of Baker Company employees attending an accredited institution of higher learning.

In addition to these new scholarships, the Institute gives scholarships each year to students at the University of New England and the University of Southern Maine who are studying in a scientific field.

The Eagleson Institute is a nonprofit foundation with a mission to promote the principles and practices of laboratory safety. The mission is carried out by offering seminars and conferences, producing DVDs and software, awarding scholarships and sponsoring lectures.

“We are very pleased to expand our scholarship program as part of our larger commitment to scientific education.”

— Mary Ann Sondrini, Director, Eagleson Institute

Baker's Custom Engineered Products Setting the Standard

Class II Dual-Sided Aerosol Exposure Glovebox with Attached Mobile Animal Transfer Cart

Baker's unique 2-sided aerosol exposure glovebox uses extra large Rapid Transfer Ports (RTPs) of 460mm to dock together the transfer cart and aerosol chamber to facilitate moving large animals into the exposure chamber. Smaller RTPs allow the introduction or removal of other items and agents into or out of the system without breaking containment. The cabinet is designed and built for aerosol exposure of non-human primates.

The transfer cart uses a battery powered HEPA filtered air flow system to insure the health and safety of the lab animal during transfer while insuring containment of any generated highly infectious aerosols. One side of the dual chamber is equipped with a full gull-wing door (as shown in the lower photo) to allow large equipment to be loaded with ease.

The entire system is leak checked to stringent Class III specifications with a tracer gas and is also equipped with external ports capable of accepting VHP or paraformaldehyde decontamination systems. Other features include a chemical dunk tank to allow safe removal of biologically contaminated items and rugged Hypalon gloves for superior wearability and chemical compatibility.

For more information contact Baker's Custom Engineered Products Division 800-992-2537



Pharmacy Isolator Cleaning Tool



The Baker Company now offers a cleaning tool specifically designed for use in hospital pharmacy isolators. Using cleanroom technology, this non-shedding mop head assembly is full articulated and its' unique shape allows pharmacists to reach all of the internal areas to assure sterility and proper cleaning. The cleaning tool is sold as a kit which includes the cleaning head, an extender handle, and a bag of 50 non-shedding mop heads. The mop heads may be laundered and autoclaved to extend their life or may be treated as a disposable (primarily for chemotherapy isolator applications). The mop heads may also be purchased separately. The entire tool is autoclavable. For more information or to receive a price quote, please call us at 800-99-Baker or 800-992-2537.

Visit Our Web Site
at:
www.bakerco.com

You'll be able to:

- See our Tradeshow and Event schedule
- Request a quote
- Download product specifications
- Learn about the different types of biological safety cabinets
- Find your local Baker representative
- Read Technical Bulletins
- Request technical assistance
- Read industry specific white papers
- Register your warranty
- Download .pdf files of all current product brochures
- Find a certifier
- Review our FAQs
- Read Acumen research papers
- Learn about Biosafety
- Link to the Eagleson Institute
- Request a Catalog
- Read Benchmarks Newsletters

The Baker Company Innovation New BSC Cable Port Is Convenient and Safe for Customers



New Cable Port System

Baker's new Cable Port System allows users to run vacuum lines, gas lines, data cables, power cords, and other items through the side walls to eliminate interference at the front of the cabinet. Hoses and cables need no longer get in the way of fully closing your viewscreen.

The Baker Company can offer this because of our exclusive negative pressure double side walls. Any contamination trying to escape from the cabinet into the room or enter the cabinet from outside will be captured in the negative pressure area between the walls and transported directly to a HEPA filter. This insures containment of internal hazards (personnel protection) as well as product protection from outside contaminants.

These Cable Ports have been rigorously tested by The Baker Company and NSF to assure containment and product protection.

Cable Ports available only from The Baker Company.

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