be reduced more than 80% by with new vertical rotors.

The oil turbine drive also eliminates the maintenance and replacement of gears, belts and brushes. The many other features of OTD centrifuges include trouble-free self-contained cooling system; precise, wide-range temperature control; and automatic and manual vacuum pumping system.

For full information on Sorvall® OTD ultracentrifuges and vertical rotors, write to DuPont Instruments, Biomedical Division, Room 36005, Wilmington, DE 19898.

*U.S. Patent 3,998,383

With Sorvall® Centrifuges the spin times are changing.
If airborne microbial contamination can jeopardize your work in any way, consider our Stay-Clean system. It can protect your animals, your experiment, your investment, and your nervous system.

**What is the Stay-Clean system?**

Basically, a system which provides a flow of highly-filtered laminar flow air directed horizontally across an enclosed animal cage chamber.

**Does it work?**

Yes, the efficient filtering system greatly reduces airborne contaminants, be they microbial or non-viable particulate matter. All particulate matter 0.3 microns or larger is removed. And because the animals are "downstream" from the laminar flow source, the re-entry of ambient contaminants into the cage is prevented.

**How is the Stay-Clean being used?**

Generally speaking, whenever airborne contamination can jeopardize a colony or a research effort, ultra-clean laminar flow air can materially reduce such contamination. The Stay-Clean system is particularly useful in reducing colony-threaten-

- greatly reduces airborne contamination
- reduces the animals' airborne contamination

from 1,000,000 particles per cubic foot to 0 particles in minutes.

Isn't your research worth that protection?

**Who's using the Stay-Clean now?**

- University of Notre Dame
- Sloan-Kettering Institute
- Wayne State University
- University of Cincinnati
- University of Rochester
- Albert Einstein College of Medicine
- Union Carbide Corporation
- National Naval Medical Center
- University of Pittsburgh
- National Institutes of Health
- U.S. Department of Agriculture
- Johns Hopkins School of Medicine
- University of Missouri
- Environmental Protection Agency
- M.I.T.
- University of Southern California
- Pennsylvania State University
- University of Michigan
- New York University
- Medical Center
- University of Wisconsin
- University of Alabama
- Cornell University
- Medical Center
- Litton Bionetics
- Hoffman-La Roche

**Why not let us know if you'd like to see one in operation in your area.**

**Special note to Stay-Clean owners:**

We now offer a special continuing service/re-certification program that protects you after the initial 12 month warranty. Ask us about it.

**Why is Lab Products "the leader in environmental protection for lab animals"?**

Because we offer the widest selection of such products. Isosystem™, a simple, inexpensive housing system that can provide a protected micro-environment within any macro-environment. Enviro-Gard™ filter system: permanent filter bonnets (washable and auto-clavable) to fit virtually all plastic cages. See-Through™ suspended cage systems: with special formed plenum filtering system. And, of course, the Stay-Clean laminar flow system herein described. Please note: The particle counter shown above is most useful for monitoring air purity and it, too, is available from us.

**More information?**

Write for our Stay-Clean brochure 2D2. And if you don't have our extensive catalog showing our other products and describing our custom fabrication, please request that also.

Lab Products Inc.,
365 W. Passaic St.,
Rochelle Park, N.J. 07662
(phone: 201/843-4600)

**Lab products inc**

Lab Products...not just plastic cages, metal cages, custom fabrication, laminar flow systems, bedding, automatic watering systems, accessories...
SARTORIUS DOES IT AGAIN!

Introducing new microprocessor-equipped electronic balances with new capabilities, new add-on data keyboards, and new low (from $1,295) prices.

Last year, Sartorius introduced a major advance in fully electronic weighing with the revolutionary Series 3700 Balances.

This year, Sartorius does it again with its new MP models. These extremely versatile electronic top-loading balances utilize Texas Instruments microprocessors to vastly expand data handling and processing capabilities.

With optional plug-in keyboards that can be added anytime, MP models can be used to convert weight data, select programs, recall information and even calculate results.

Some typical applications for these balances include: instantaneous conversion from metric to non-metric calibration (weighings in pounds, ounces, carats, grains, pennyweights, etc.), parts counting, mean weight determination, percentage weighing, and variable integration time for more precise animal weighings.

MP models also provide complete weighings in 1-2 seconds, instant electronic taring, automatic overload protection, a built-in vibration filter, data storage memory, and are available with BCD and analog outputs.

Can you afford to buy a new balance without these capabilities?

When you choose a Sartorious MP model, you have selected a balance that will be quite as advanced tomorrow as it is today. Even if you do not need all its capabilities now, the purchase of the appropriate plug-in keyboard makes the needed capability instantly available any time in the future. Only Sartorius offers this flexibility.

For all their advanced technology, Sartorius MP models, priced as low as $1,295 are significantly less expensive than many other electronic balances without such features. For literature, write: Sartorius Balances Division, Brinkmann Instruments, Inc., Cantiague Road, Westbury, N.Y. 11590.

<table>
<thead>
<tr>
<th>MODEL (Partial Listing)</th>
<th>1205MP</th>
<th>1202MP</th>
<th>1212MP (Dual Range)</th>
<th>3704</th>
<th>3716 (Dual Range)</th>
<th>3713MP (Dual Range)</th>
<th>3802MP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighing Range</td>
<td>0-160g</td>
<td>0-300g</td>
<td>0-30g 0-300g</td>
<td>0-1200g</td>
<td>0-1200g</td>
<td>0-300g 0-3000g</td>
<td>0-6000g</td>
</tr>
<tr>
<td>Readability</td>
<td>0.001g</td>
<td>0.01g</td>
<td>0.001g 0.01g</td>
<td>0.01g</td>
<td>0.01g 0.1g 0.1g</td>
<td>0.1g 0.1g 0.1g 0.1g</td>
<td></td>
</tr>
</tbody>
</table>

Circle No. 183 on Readers' Service Card
GORDON RESEARCH CONFERENCES
“FRONTIERS OF SCIENCE”
APPLICATION
Please complete this application and mail (in duplicate) to the Director.

DO NOT SEND DEPOSIT WITH THIS APPLICATION

Conference on _____________________________________________________________ Date: ____________________________

Name: (Please Print) _________________________________________________________ Location ________________________

Organization: ______________________________________________________________

Business Address: __________________________________________________________
(inc. dept., street & no.) ______________________________________________________

City and State: _____________________________________________________________ Zip Code ________________________

Accommodations at the Host site are requested for:

□ Applicant □ Wife Husband

□ Child

(Children must be at least 12 years of age.)

State name and age of each child requiring accommodations

IMPORTANT

Indicate your particular activities which justify favorable consideration of you as a participant in and contributor to this Conference. (Not required of speakers.) Applications are referred to the Conference Committee for review in accordance with the established regulations, and this information is essential.

Please return to:
Dr. Alexander M. Cruickshank, Director
Gordon Research Conferences
Pastore Chemical Laboratory
University of Rhode Island
Kingston, Rhode Island 02881

Tel: (401) 783-4011

The recording of lectures by tapes, etc. and the photography of slide material are prohibited. Printed reference to Gordon Research Conference papers and discussion is not permitted. Authors are requested to omit references to the Conference in any publication. Guests are not permitted to attend the conference lectures and discussion sessions. Each member of the Conference agrees to these regulations when registration is accepted.

Signature _________________________________________________________________

Date ________________________________

Telephone: Business _______ ________________________

Home _______ ________________________

DO NOT SEND DEPOSIT WITH THIS APPLICATION