

Progressive Scientific Performance

SAFEGARD SOLUTIONS



SafeGARD Solutions

SterilGARD® e3

Class II Type A2 Biosafety Cabinet. The most energy efficient, comfortable and safe A2 cabinet in the industry.

1. Multiple energy-saving features equals up to 60% increase in energy efficiency
2. Safest work environment with new StediFLOW™ self-adjusting motor technology
3. Most comfortable working environment available with reduced noise and vibration
4. 30% more filter life and less impact on the environment
5. More energy efficient and brighter lighting system for easier viewing and reduced eyestrain



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IsoGARD®

Class III Glovebox. Designed to Handle Hazardous Microbiological Agents or Pharmaceutical Potent Compounds.

1. Pass-through and main chamber incorporate uniform unidirectional airflow to flush away any generated particles while bathing the work surface in HEPA-filtered air
2. Constructed with thick safety glass, solid closed-cell silicone gaskets and supplied with hypalon gloves
3. Stainless steel glove port design with one-piece sleeve-and-glove assembly allows gloves to be replaced or changed without breaking containment



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NCB™ e3

Class II Type B1 Biosafety Cabinet. Developed to exceed the National Cancer Institute's Expectations...and yours.

1. All exhaust air is removed directly from the work area and pulled through a dedicated exhaust duct into the facility's separate exhaust system
2. Vapors and gases emitted from vessels or work behind the air split approximately half way back from the cabinet front - are removed and not recirculated
3. Dual supply HEPA filters assure that all positive pressure areas are free of particulate contamination. Recirculated air is HEPA-filtered immediately below the work surface before it is passed through a HEPA supply filter above the work area



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AeroPROTECT 360°

Aseptic Contamination Enclosure. Optimum personnel & environment protection.

1. 360° visibility to the work area for easy monitoring
2. 8" [203mm] sash opening allows access to the work surface and is the primary means of access to ensure user protection
3. Front facing controls and gauges within easy reach when standing from both sides
4. Dual force hinged front view screen and rear access, offering easy equipment loading



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BioChemGARD® e3

Class II Type B2 Biosafety Cabinet. The most energy efficient, comfortable and safe B2 cabinet in the industry.

1. A 70% reduction in electrical power compared to traditional B2 cabinets
2. Increased motor blower reserve extends filter life for less downtime
3. Continuously safe work environment with self-adjusting motor technology enhances productivity
4. Optional fume hood package for versatile laboratory design



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BioPROTECT®

Walk-in Equipment Containment Enclosures. Designed expressly for high volume robotic and equipment applications.

1. Flexible modular design for high-volume robotic and automated equipment applications
2. Accommodates high-through put robotic systems (including ancillary devices), ultra-centrifuges, flow cytometers, aerosol generators and other large laboratory equipment
3. Ideal for high-throughput screening, combinatorial chemistry, immunology, tissue culture, clinical research, drug discovery, molecular biology, and quality control assays



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AniGARD® e3

Animal Transfer Station.
Confidence you can rely on.

1. Spacious, easily accessible work areas accommodate a variety of cage sizes and activities
2. Ergonomic design with efficient lighting increases user comfort and visibility
3. Designed for easy movement and maneuverability throughout the laboratory
4. Offers up to ISO Class 4 (Class 10) protection by delivering HEPA-filtered, particulate-free air



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SterilSHIELD®

Compounding Aseptic Isolator (CAI).
Designed specifically for ultimate product
protection of non-hazardous drugs.

1. Offers a contained, pressurized work area for pharmacy applications
2. One of the most comfortable isolators in the industry, with oval gloveports that offer easy reach to interior surfaces, and adjustable height stand
3. HEPA-filtered, unidirectional airflow with better than ISO Class 5 (Class 100) air cleanliness conditions to prevent contaminants from entering the work area



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EdgeGARD® e3 HF

Horizontal-Flow Clean Bench designed with
you in mind. Baker's exclusive technology
maximizes product protection and helps
meet up to ISO Class 4 (Class 10) air
cleanliness requirements.

1. High-performance airflow system provides uniform airflow to the worksurface, extends filter life and minimizes maintenance costs HEPA supply filter with 99.99% minimum efficiency in capturing 0.3 micrometer particulates
2. Spacious, easily accessible work areas accommodate multiple users and a variety of applications and instrumentation



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ChemoSHIELD®

Compounding Aseptic Containment Isolator
(CACI). Offers a contained, pressurized work
area for pharmacy applications.

1. One of the most comfortable isolators in the industry, with oval gloveports that offer easy reach to interior surfaces, and adjustable height stand
2. Slanted, top-hinged view screen allows for full opening for loading and unloading of pharmacy instrumentation or equipment
3. HEPA-filtered, unidirectional airflow with better than ISO Class 5 (Class100) air cleanliness conditions to prevent contaminants from entering the work area



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EdgeGARD® VF

EdgeGARD® Vertical-Flow provides vertical,
unidirectional and controlled airflow over the
entire work surface, while reducing energy
consumption, noise and airflow turbulence.

1. ISO Class 4 (Class 10) cleanliness (for 0.5 micrometer particles)
2. One-piece stainless steel work surface helps prevent surface contamination
3. Easy to move and maneuver when configured with mobile stand, casters and pull bars
4. Slanted 10° viewscreen for operator comfort and direct line-of-sight viewing
5. Well-lighted workspace reduces eyestrain



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Air Sentry Chemical Fume Hood POWERED BY LAB CRAFTERS

Fume hoods designed for unparallelled
safety for critical laboratory applications.

1. Substantially reduces roll effect (fluctuations in the airflow that may cause harm to the worker)
2. Offers a streamlined, unobstructed work area
3. Minimizes lingering concentrations above and behind the view screen
4. Reduces contaminant concentrations near the edge of the sash (window), reducing potential exposure hazard to personnel



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An expansive solutions portfolio
with technologies designed to keep
you safe and improve your work.



SafeGARD

High-performance
microbiological biosafety
cabinets and contamination
control equipment that meet
or exceed most regional and
global standards for safety
and certification.



GROW

A collection of precision
cell growth equipment for
all scientific applications,
ranging from cell culture
incubators to highly
specialized physiological
workstations for anaerobic
and hypoxic studies...and
everything in between.



Innovative solutions from the industry pioneer.

Baker has been at the forefront of engineering, testing and production of reliable contamination control equipment for over 6 decades.

Diverse applications in the life science, clinical, pharmaceutical, and industrial laboratory fields need to protect personnel, product, and the environment from exposure to biohazards and cross contamination.

Since Baker developed the first clean air workstation in 1951, biosafety cabinets have played a critical role in ensuring the safety of lab personnel and the integrity of their work. Through innovation and collaboration with customers we develop truly revolutionary technology in biocontainment and contamination control, for a variety of industries and applications.

To find out more about Baker's performance driven laboratory equipment can protect you and your work, visit our Biosafety and Contamination Control Safety Hub.

Biological Safety Cabinets for use in cGMP environments.

Materials of construction for increased cleanability and resistance to corrosion and loaded with features to support cGMP compliance. Available in extra deep and tall sizes to enclose laboratory automation equipment.

Ideal for cell and gene therapy and personalized medicine applications.

FEATURES

1. Integrated particle monitoring
2. Cabinet Set Point Monitor
3. SS cable ports, sleeves, and channel stand



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