



Laboratory automation enclosure solutions that adapt to your application

With an unparalleled passion for helping customers advance science, discovery, and clinical care since 1952, Baker develops truly revolutionary technology in biocontainment and contamination control for a wide variety of industries and applications. We design, manufacture, and distribute products which provide optimal environments for science, to satisfy or exceed customer expectations, safety requirements, and applicable regulatory requirements.

BEST PERFORMING AND HIGHEST QUALITY EQUIPMENT

The Baker Company was formed with the philosophy of providing the best performing and highest quality equipment in our respective fields. The emergence of automated equipment for cell culture research has required us to provide for the isolation of cell lines and the containment of potentially hazardous agents. Automated equipment sizes require larger workspaces that can accommodate fluidics, power requirements, heat rejection, service and user interface ergonomics.

The Baker team excels at designs that met these requirements, and our research and development team perform customized testing that assures the product, and the end users are protected. Baker is equipped to perform microbiological tests for containment and isolation as per NSF Standard 49 and to test containment to the ASHRAE 110 standard.

Ergonomic mockups and as used testing is standard with each piece of lab equipment. As automation equipment evolves Baker stays at the leading edge of technology to provide the automated lab with the best possible solution.



AeroPROTECT 360° Aseptic containment enclosure

Baker's exclusive technology maximizes product protection and meets or exceeds NSF International Standard 49 microbiological aerosol testing criteria for product and personnel (user) protection. AeroPROTECT 360° features a series of four biocontainment enclosures designed specifically to house robotics systems, such as automatic liquid handlers.



- Exceeds ISO Class 5 (Class 100) Air Quality
- Microbiologically tested to Biosafety Cabinet Standards

Scan the QR code to download the AeroPROTECT brochure



BioPROTECT® Equipment containment enclosures

The popularity of robotically assisted technologies has resulted in the continuing development of the BioPROTECT® Series of walk-in and reach-in biological safety enclosures. Through the innovative use of robotic technology for drug discovery, high-throughput screening, and high-volume sample management in a contained environment, Baker offers the highest standard of air containment in the laboratory.



- Designed expressly for high volume robotic and equipment applications
- Flexible modular design

Scan the QR code to download the BioPROTECT® brochure



SterilGARD® e3 NSF Class II type A2 biosafety cabinet

With the optimum balance of performance and energy efficiency, our biological safety cabinets protect personnel, product and the environment, all while increasing lab productivity and user comfort. The SterilGARD® e3 biological safety cabinet from Baker offers a revolutionary airflow management system with proven containment technology that saves energy, increases productivity and improves comfort.



- Multiple energy saving features equal significant ongoing cost savings
- Continuously safe work environment with self-adjusting motor technology
- Extra Deep option available for more usable workspace

Scan the QR code to download the SterilGARD® brochure



BioVanguard CE/TUV/EN 12469 Class II biosafety cabinet

Designed according to the highest standards of quality, biological safety, reliability, ergonomics, and usability and while still meeting the latest customer requirements such as low energy consumption and low sound level. The BioVanguard Series, our newest range of high quality Class II Biological Safety Cabinets ensures the highest level of protection for operator, product and environment, minimizing hazards inherent to working with agents assigned to biosafety levels 1, 2 and 3.



- Advanced sliding/hinged windows can be lifted completely, opening the entire work area for easy cleaning and/or (un) loading large items
- Extra Deep option available for even more workspace
- Reinforced work surface to support automation equipment

Scan the QR code to download the BioVanguard brochure



SCI-tive Physiological cell culture workstation

The SCI-tive range of advanced physiological workstations are designed to mimic the "in-vivo" conditions providing a continuous cell culture environment which eliminates cellular stress linked to variations in temperature, pH, and oxidation. With the SCI-tive, you can study even the most complex cell interactions under mimicked physiological oxygen conditions. With more than a decade of customer feedback and experience, our workstations have been refined to meet your specific needs.



- O₂ control from 0.1% to 23.0% and CO₂ control from 0.1% to 30.0% in 0.1% increments
- 420 L of usable space per chamber
- Modular design to accommodate automated workflows, from dual up to quad chambers

Scan the QR code to download the SCI-tive brochure

