



Environments For Science™



A part of **Agilent**

A partnership with 120 years of innovative expertise.

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.

Established over 50 years ago, BioTek Instruments, now a part of Agilent, is a worldwide leader in innovative life science instrumentation, designing and building products that provide cost-effective, excellent performance across diverse applications.



Best Performing and Highest Quality Equipment

The Baker Company and BioTek partnership was formed from a mutual 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 innovative solutions to provide isolation of cell lines and containment of potentially hazardous agents. Automated equipment size requires larger workspaces that can accommodate fluidics, power requirements, heat rejection, service and user interface ergonomics. The Baker engineering team excels

at designs that meet these requirements, and our research and development team performs customized testing that assures the product and 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 mock ups and as used testing is standard with each piece of lab equipment. As automation equipment evolves Baker stays at the leading edge of technology. Baker and BioTek continually work together to provide the automated lab with the best possible solution.

Visit www.biotek.com



Visit www.bakerco.com



AeroPROTECT: 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!

Cytation 5: Cell Imaging Multi-Mode Reader

Cytation™ 5 combines automated digital microscopy and conventional microplate detection in a configurable, upgradable platform. Cytation 5 includes both filter based and monochromator based optics for multi-mode versatility and performance.



- Fluorescence, brightfield, high contrast brightfield, color brightfield and phase contrast microscopy and conventional multi-mode detection
- Patented laser autofocus provides speed and accuracy
- CO₂/O₂ control, incubation to 65 °C and shaking optimize cell-based and other assays



Scan the QR Code to download the Cytation™ 5 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 read more about BioPROTECT®!

MultiFlo FX: Multi-Mode Dispenser

MultiFlo™ FX Multi-Mode Dispenser is a versatile tool for liquid handling workflows. MultiFlo FX automates fast dispensing and washing, gentle media exchange for loosely-adherent cell based assays, and dispensing into individual wells. Its unique Parallel Dispense™ design allows up to four independent reagents to be dispensed in parallel without cross-contamination.



- Multi-mode dispensing replaces up to four dispensers and a washer
- AMX™ Automated Media Exchange module protects 3D cell structures (e.g. spheroids, tumoroids), and suspension cells
- RAD™ Random Access Dispense enables mapped dispensing to individual wells for normalization applications



Scan the QR Code to download the MultiFlo™ FX 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!

BioSpa 8: Automated Incubator

BioSpa™ Live Cell Analysis System automates many applications in multiple plates for continuous live cell imaging and analysis. The core BioSpa System includes BioSpa 8 Automated Incubator and Cytation™ Cell Imaging Multi-Mode Reader – together, they automate kinetic live cell workflows in multiple plates for hours, days or weeks.



- Complete workflow automation, sample prep to detection
- Temperature, CO₂/O₂ control; humidity monitoring
- Records environment conditions; automated alerts



Scan the QR Code to read more about BioSpa 8!