

Brooks Automation

High-performance controller software for automated cold-chain sample management and biobanking systems (formerly Brooks Strata™).

<https://www.brooks.com/>

Overview

Brooks Automation, now primarily operating as Azenta Life Sciences for its life science division, provides the core software to drive its automated cold-chain sample management systems, such as the SampleStore™ and BioStore™ platforms. This software, formerly known as **Brooks Strata™ Store Controller Software** and now rebranded as **ARCON™ Store Controller Software** under Azenta, is the high-performance engine for sample management processes.

Product Overview and Key Benefits

The software ensures efficient processing, secure protection, and reliable performance of high-value biosamples and compounds. It is designed to make automated storage intuitive and convenient, requiring no special engineering expertise for day-to-day operation. It simplifies integration with corporate IT systems and LIMS, supporting web services and other technologies.

Main Features and Capabilities

Sample Security & Traceability: Conducts lifetime inventory and environmental tracking, compiling a comprehensive sample chain of custody and audit trail reports.

Order Control: Provides full order control, including drag-and-drop order prioritization and optimization of throughput through efficient batch workflows.

Remote Access: Accessible from a workstation, remotely from an office, or from home on a smartphone or tablet.

LIMS Integration: Simplifies integration with Laboratory Information Management Systems (LIMS) and other corporate IT systems via web services.

Diagnostics & Reliability: System data logging and performance tracking assure reliability and enable remote diagnostics and troubleshooting.

User Interface: Intuitive, information-rich display with modern graphics and customizable screens for application-specific workflow presentation.

Target Users and Use Cases

The software is targeted at pharmaceutical, biotech, academic, and healthcare institutions globally.

Primary Use Cases:

Automated cold-chain sample storage and retrieval (e.g., at -20°C to -190°C).
Biobanking and Biorepositories.
Drug Discovery and Clinical Research sample management.
Automating sample handling and inventory control.

Key Features

- Automated Sample Inventory Management
- Sample Chain of Custody
- Audit Trail Reports
- LIMS Integration (Web Services)
- Order Control and Prioritization
- Remote Access (Web/Mobile)
- System Diagnostics and Data Logging
- Customizable User Interface

Pricing

Model: enterprise

Pricing is typically bundled with the automated storage hardware (e.g., SampleStore™, BioStore™) and is not publicly disclosed. Contact sales for a quote.

Target Company Size: medium, enterprise

Integrations

LIMS (via Web Services), FreezerPro (Integration Partner), Corporate IT Systems

Compliance & Certifications

FDA 21 CFR Part 11

This document was generated by IntuitionLabs.ai with the assistance of AI. While we strive for accuracy, please verify critical information independently.