



HAMILTON

Innovation for a Better World

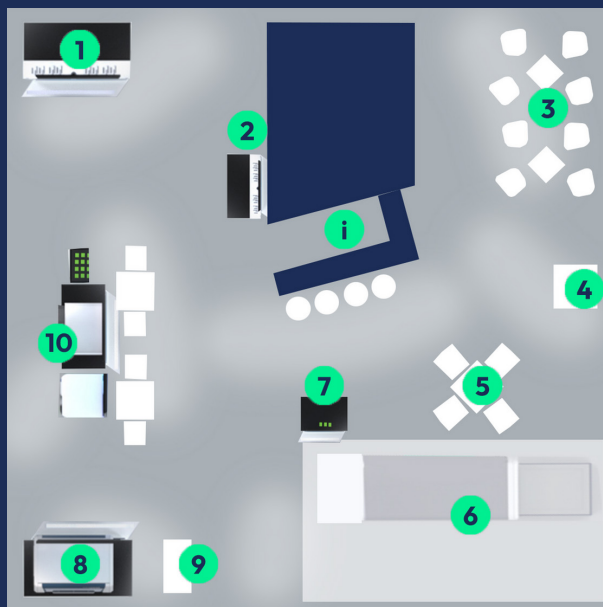
Analytica 2024
Hall 1, Stand 304

Automating Your Imagination

Hamilton has been at the forefront of Life Sciences and Medical Technology for over 70 years. Our journey began as a visionary concept, transforming into a global company today. Though we've grown, Hamilton's passion, curiosity, and innovative spirit have never wavered. We remain committed to researching, developing, and producing cutting-edge solutions that improve people's lives.



Hamilton's Booth Map (Aerial View)



ENTRANCE HALL B1

- i** Booth Information
- 1** OEM Components
- 2** Lab Analytics
- 3** Academy Area
- 4** Entry Level Automation
- 5** Partnering Business
- 6** Cell Biology
- 7** Ultra-Low Volume Pipetting
- 8** Genomics/NGS
- 9** VeriPlate
- 10** RoboBiobanking

Hamilton at Analytica 2024 Website



Obtain information
about everything
related to Hamilton at
this year's conference



Learn about
highlighted
applications and
featured technologies



Register for our in-
booth talks and more

www.hamiltoncompany.com/analytica2024



Talks

Discover how to automate your workflow and how our solutions can streamline your results for improved efficiency.



Talks are scheduled for 15 minutes each day during Analytica, at the following times:

Page Title		Time (on Tuesday, Wednesday and Thursday)
04	Hamilton Pipetting Excellence Program	11:00
05	Cell Care STAR: We take care of your cells	11:30
06	Biobanking Automation Solutions	14:00
07	Genomic Automation Solutions	14:30
08	Low Volume Automation Solutions	15:00

Hamilton Cell Care STAR

We Take Care of your Cells



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Yannik Breitkreuz, PhD

Product Specialist Applications
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Cell culture is a versatile technique, offering immense potential in diverse fields such as cell therapy, regenerative medicine, bioprocessing, and human biology research. However, achieving reliable and consistent results in cell culture poses significant challenges. In response to the growing demand for standardized processes in biopharma, automation emerges as a vital solution.

In this presentation, we will explain how our off-the-shelf cell culture automated solution can effectively take care of your cells, allowing you to focus on other crucial tasks. Engineered to deliver standardized and precise processes, our solution promises to overcome the main challenges in mammalian cell culture maintenance, empowering laboratories to accelerate their research projects.



Scan to learn more



Scan to download
eBook



The Cell Care STAR features an entire portfolio of highly-developed, functional modules that automate common manual processes and can be integrated onto the deckspace.

Biobanking Automation Solutions



Gabriela Boza-Moran, PhD

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Over the past few decades, biobanking activities have witnessed a significant surge, resulting in heightened complexity and increased sample throughput. To streamline biobanking operations across laboratories and uphold the integrity and traceability of samples, it's imperative to standardize and scale up biobanking workflows.

In this presentation, we will describe how automated liquid handlers and storage systems can solve some of the most important challenges in biobanking workflows, and present three examples of integrated automated biobanking systems.



Hamilton STAR V integrated into a Hamilton Verso® Q-20 for fast freezing and temporary storage from room temperature to -20 °C.



Scan to learn more



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Hamilton Pipetting Excellence Program



Bruno Koch

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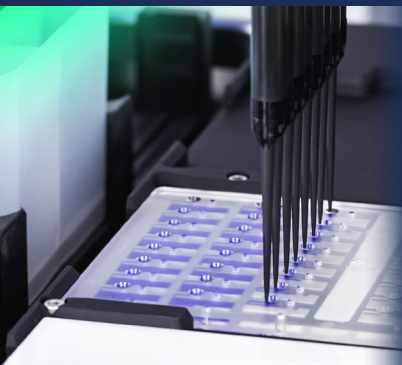
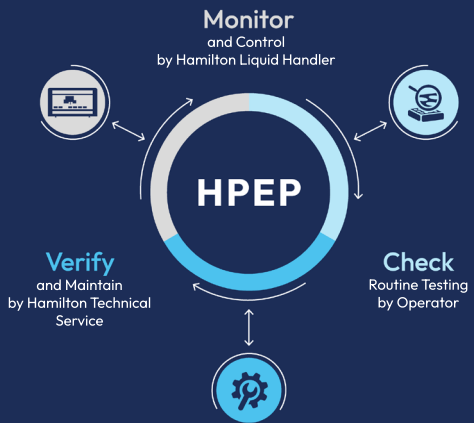


Christoph Jung, PhD

Director Marketing Lab Automation
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Scientists and lab personnel in the pharmaceutical and diagnostic industries operate in a 24/7 environment, facing continuous pressure to deliver accurate results with quick turnaround times. Liquid handling errors and instrument downtime affect a laboratory's ability to compete in a challenging market.

To help laboratories meet growing demands, Hamilton is introducing its Pipetting Excellence Program.



By combining Hamilton's advanced automation technologies with ongoing services, the program provides labs with the tools needed to effectively monitor, check, and verify the quality of the pipetting process from start to finish.

In this presentation, we will introduce the Hamilton Pipetting Excellence Program and the new product, VeriPlate, for routine testing of pipetting performance.



Scan to learn more

Low Volume Automation Solutions



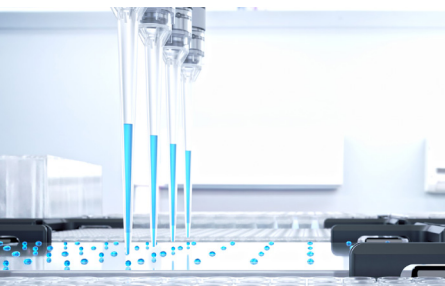
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In the dynamic field of life sciences, the integration of high-precision, low-volume liquid handling technologies is revolutionizing lab workflows.

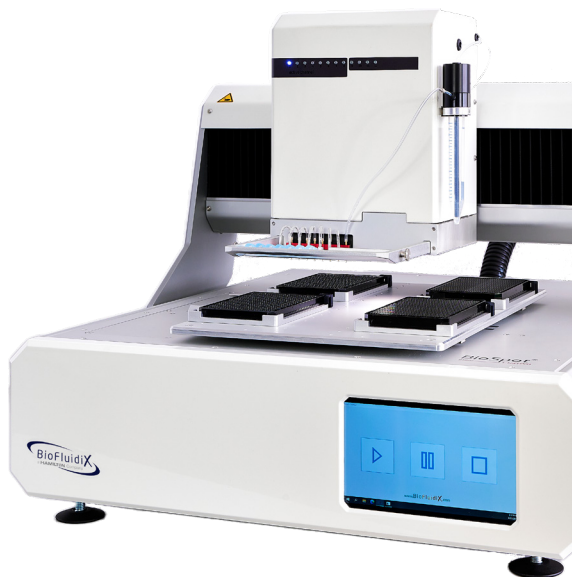
This presentation will showcase how cutting-edge systems offer an unmatched volume range from milliliters to nanoliters, meeting the diverse needs of contemporary research. These innovations not only streamline lab operations but also save significant space, time, and resources.



MagPip channels are designed with miniaturized components, linear motors, and magnetic fields that move with previously unattainable speeds. It covers a wide volume range from 350 nL to 750 μ L, with unmatched precision.



Scan to learn more



The BIOSPOT® workstation is equipped with PIPEJET® our innovative, non-contact dispensing technology that excels in delivering precise liquid samples onto microtiter plates with unmatched accuracy and efficiency.

Genomic Automation Solutions



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The past few decades have seen tremendous improvements in research and applied fields across several markets. Currently, the number of samples often surpasses manual capabilities. Additionally, the highly dynamic environment necessitates the efficient implementation of new methods. Due to inter- and intra-operator variabilities, establishing robust workflows in genomic automation presents a significant challenge. However, it allows for processing more samples in less time, achieving consistently high-quality results, and minimizing the chances of human error. This frees up more of your time for other tasks. Hamilton's Assay Ready Workstations (ARWs) are the go-to solution for introducing automation to your laboratory workflows, both quickly and easily.



In this presentation, we will show you how to find the right fit for your lab when it comes to genomics automation, including our new on-deck fluorescence reader, FluorEye.



Scan to download
eBook



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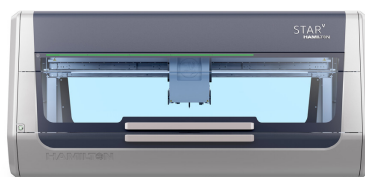
Platforms

Our portfolio of
automated liquid handlers



Microlab® VANTAGE Line

The next generation of liquid handling automation



Microlab® STAR® Line

The new benchmark for liquid handling automation



Microlab® STAR Line

Reliable liquid handling for over 20 years



Microlab® NIMBUS Line

A compact, multi-channel,
automated liquid handler



Microlab® Prep™

Our smallest footprint liquid handler

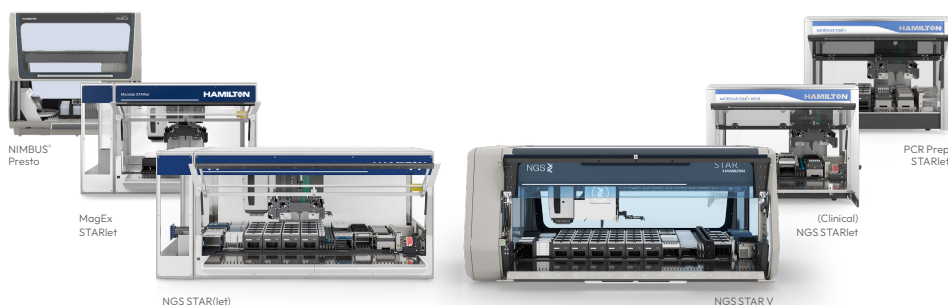
Please contact your local sales representative for more information.



(Assay Ready)

Workstations for Molecular Diagnostics

Our portfolio of fully-automated solutions



- **NIMBUS® Presto**

Integrated with Thermo Fisher Scientific's KingFisher Presto for magnetic bead-based nucleic acid extraction

- **MagEx STARlet**

For magnetic bead-based nucleic acid extraction

- **NGS STAR™ and NGS STARlet**

For NGS library preparation on our already successful (for many years) Microlab® STAR™ platform

- **NGS STAR V**

For leveling-up NGS library preparations, using Hamilton state-of-the-art technologies

- **Clinical NGS STARlet**

For NGS library preparation in regulated markets

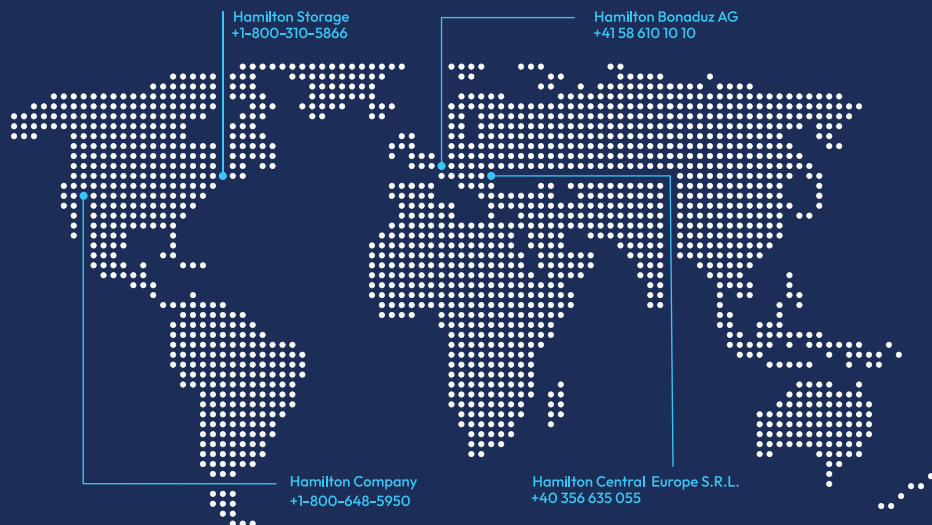
- **PCR Prep STARlet**

For pre-PCR sample set-up

Qualified methods from leading kit manufacturers are available for our (assay ready) workstations



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● Headquarters / Manufacturing



Years of Experience
75+



Locations Worldwide
22+



Employees Internationally
3,000+

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