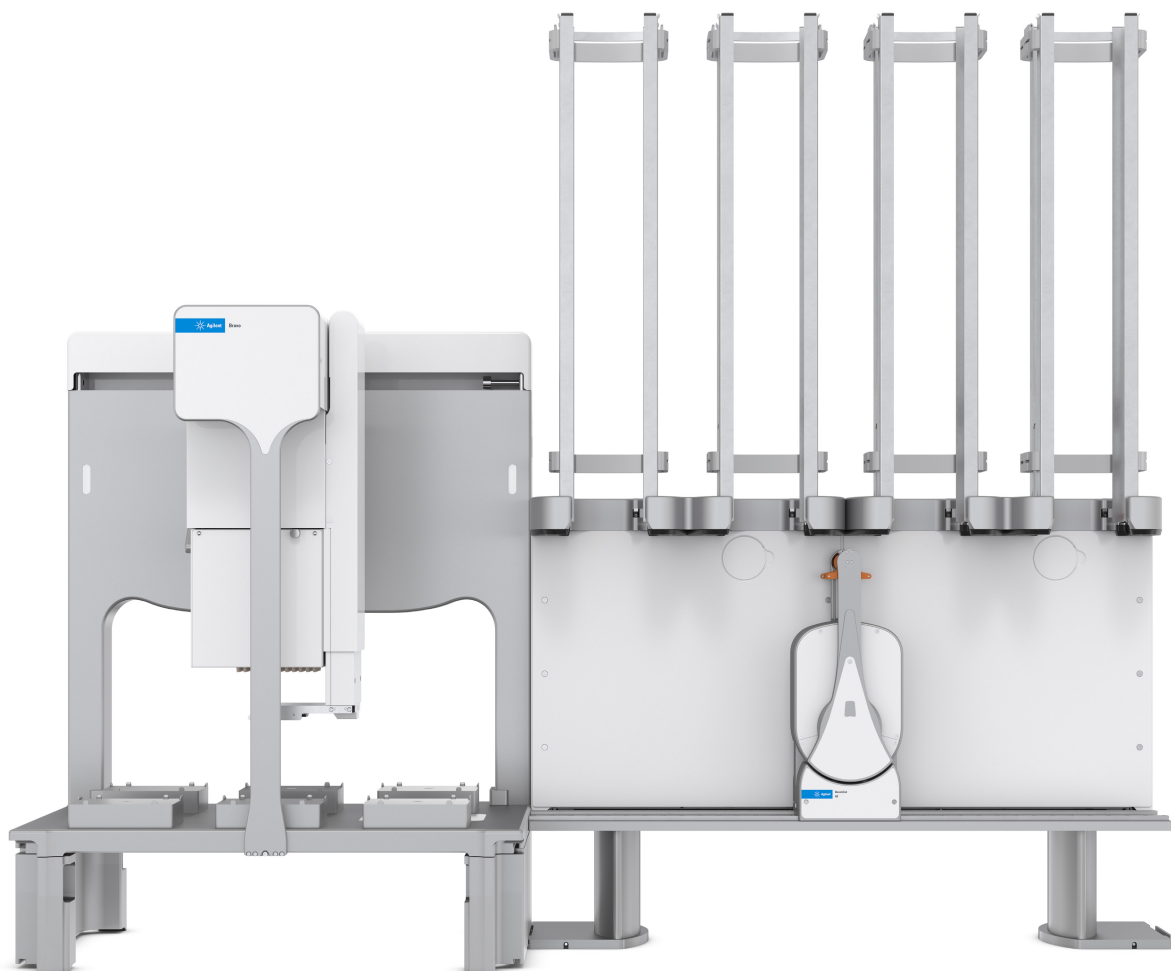


Versatile, Flexible, Fast

Agilent BenchCel Workstations



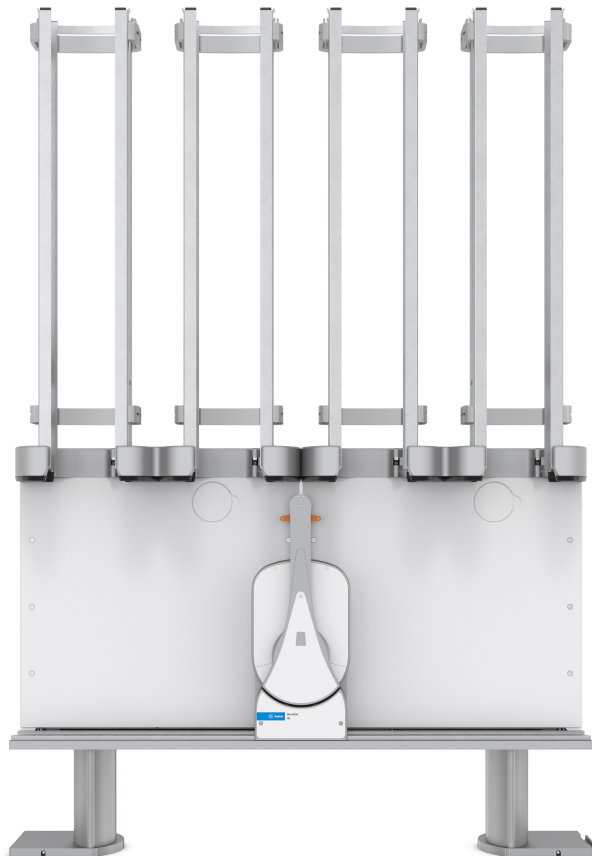
Automation to accelerate your research

Increasing your productivity with laboratory automation should be simple and straightforward. Your choice of instrumentation shouldn't stand in your way – ease of adoption is a critical factor for getting maximum value out of automation, sooner.

Make your routine microplate workflow easy and reliable

Agilent BenchCel Workstations are designed to offer a complete automation solution for routine research laboratory microplate workflows. Available product configurations address common microplate applications such as plate sealing, barcode labeling, serial dilution, plate replication, etc. At the center of each workstation is the Agilent BenchCel Microplate Handler.

Let Agilent take the challenges out of your routine high-throughput research lab applications and give you more walk-away time.



Agilent BenchCel Microplate Handler.

Versatile configuration

Integrated with numerous Agilent devices, including the Agilent Bravo Automated Liquid Handling Platform

High-speed transfers

8-second transfer time from stack to instrument

Scalable operation

2, 4, or 6 labware rack options

Adjustable plate capacity

Handles up to 60 standard SBS microplates per rack

Multiple labware rack options

Top-load and front-load options available in different sizes

Automated Plate Sealing



Agilent BenchCel Microplate Handler with PlateLoc Thermal Microplate Sealer. Some configurations are available without risers.

Fast cycle times

Process at least three microplates/minute with no required cool down period

Flexibility

PlateLoc automatically accommodates various ANSI-compliant microplates

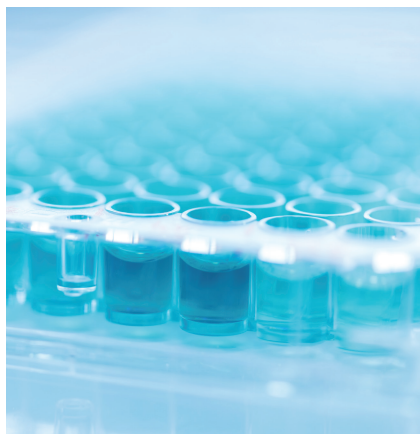
Wide choice of microplate seal

Compatible with aluminum or optically clear seals (pierceable or peelable)

Expandable functionality

Platform can be integrated with additional instruments to enable new applications:

- PlateLoc Microplate Barcode Labeler
- Microplate Centrifuge
- Automated Bravo Liquid Handling Platform



Common plate sealing applications

- Pharmaceutical compound storage and screening with large volumes of microplates that require sealing
- Genomic research needing reliable and consistent seals for thermal cycling operations
- Assay supply of ready-to-use plate-based chemistry requiring sealed microplates

Automated Plate Labeling



Agilent BenchCel Microplate Handler with Microplate Barcode Labeler. Some configurations are available without risers.

Fast cycle times

Process at least three microplates/minute with no hands-on time

Flexible labeling options

Add up to 4 barcode labels (1D, 2D, or human readable) per microplate

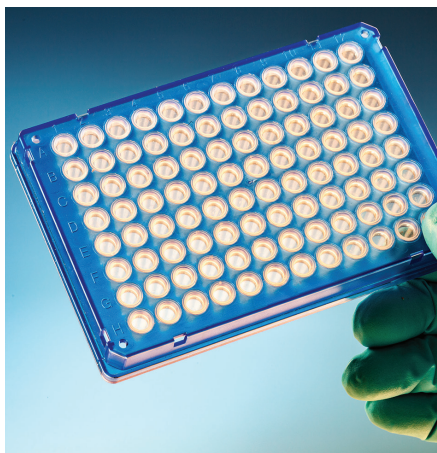
Integrated barcode reader

Verify barcodes applied to labels, log barcode activity, or clone barcodes

Expandable functionality

Integrate with additional instruments to enable new applications:

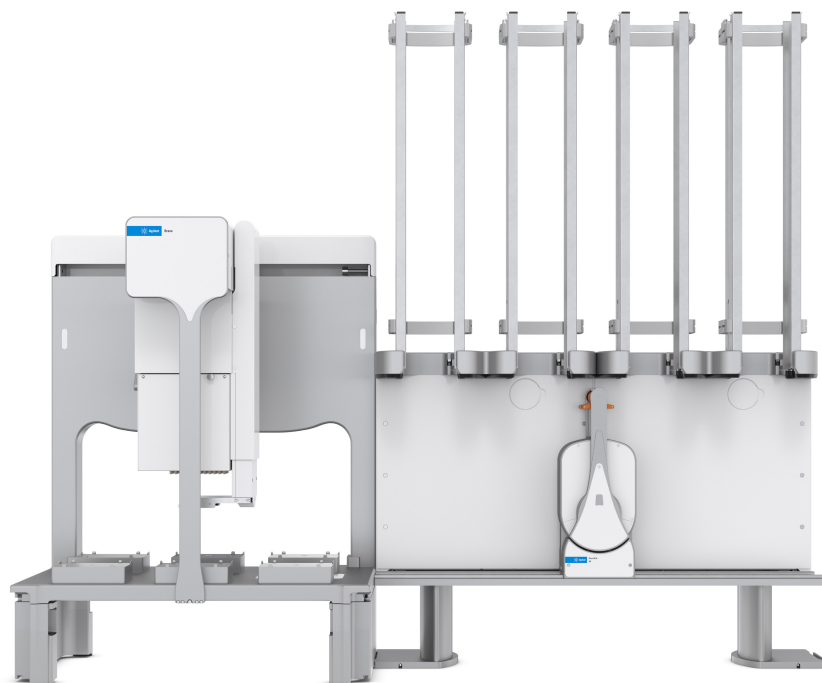
- PlateLoc Thermal Microplate Sealer
- Automated Bravo Liquid Handling Platform



Common plate labeling applications

- Cell culture research applications processing large numbers of microplates requiring traceability
- Pharmaceutical compound storage and screening applications with high volume, on-the-spot custom labeling requirements
- Generic and custom barcoded pre-labeling for microplates
- Printing of lot numbers and other key manufacturing information for plate-based chemistry kits

Automated High-Throughput Screening



Agilent BenchCel Microplate Handler with Bravo Liquid Handling System. Some configurations are available without risers.

Precise pipetting

The Agilent Bravo Liquid Handling Platform achieves highly accurate and reproducible transfers for your liquid handling needs

Multiple BenchCel configurations

Systems can be configured with different sizes of our BenchCel Microplate Handler to meet throughput requirements

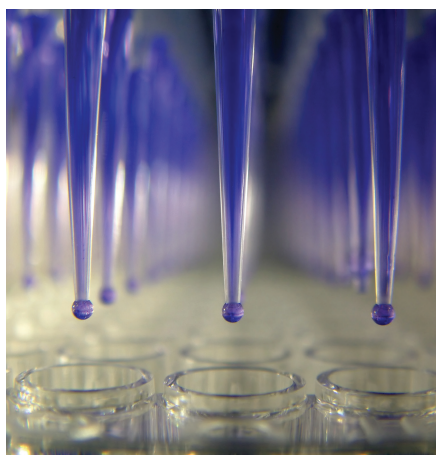
Application versatility

Variety of Bravo on-deck accessories opens up numerous sample preparation workflows

Expandable functionality

Integration of select Agilent devices enables additional utility and applications:

- PlateLoc Microplate Barcode Labeler
- Microplate Barcode Labeler
- Microplate Centrifuge
- Labware MiniHub



Common high-throughput screening applications

- Compound management applications needing to create large numbers of replicates from a single-source plate
- Research screening applications needing to create general serial dilution plates for analytical testing
- Addition of plate sealing, labeling, or centrifugation for a complete automated solution

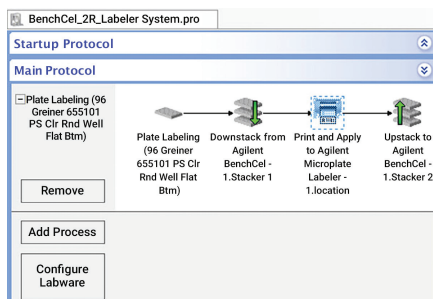
Intuitive Software for Seamless Operation



VWorks Plate Replication Protocol Form.

All BenchCel Workstation systems are run by Agilent VWorks Automation Control Software. This software is designed to operate all Agilent devices through a single interface to simplify the user experience.

Each BenchCel Workstation is provided with standard VWorks protocols focused around standard automation procedures such as plate sealing, plate labeling, and plate centrifugation. Advanced protocols focused around serial dilution and plate replication workflows are also provided.



Benefits of Agilent VWorks Software

- **Drag and drop tasks:** graphical icons are selected and grouped to represent the sequence of tasks in your protocol
- **Event-driven automation control:** operate multiple experiments in parallel for maximum resource utilization and throughput
- **Scalable:** single application drives standalone and system configurations with a consistent user interface that reduces training costs

Agilent CrossLab Services: Maximize uptime with end-to-end support

You can trust Agilent CrossLab service experts to deliver valuable insights and keep your instruments running at top performance. Our industry-leading services—tailored to meet your needs—include instrument migration, application consulting, repairs, preventive maintenance, compliance verification, and education. Ask us how we can support your laboratory today.

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© Agilent Technologies, Inc. 2021
Published in the USA, March 4, 2021
5991-7968EN

