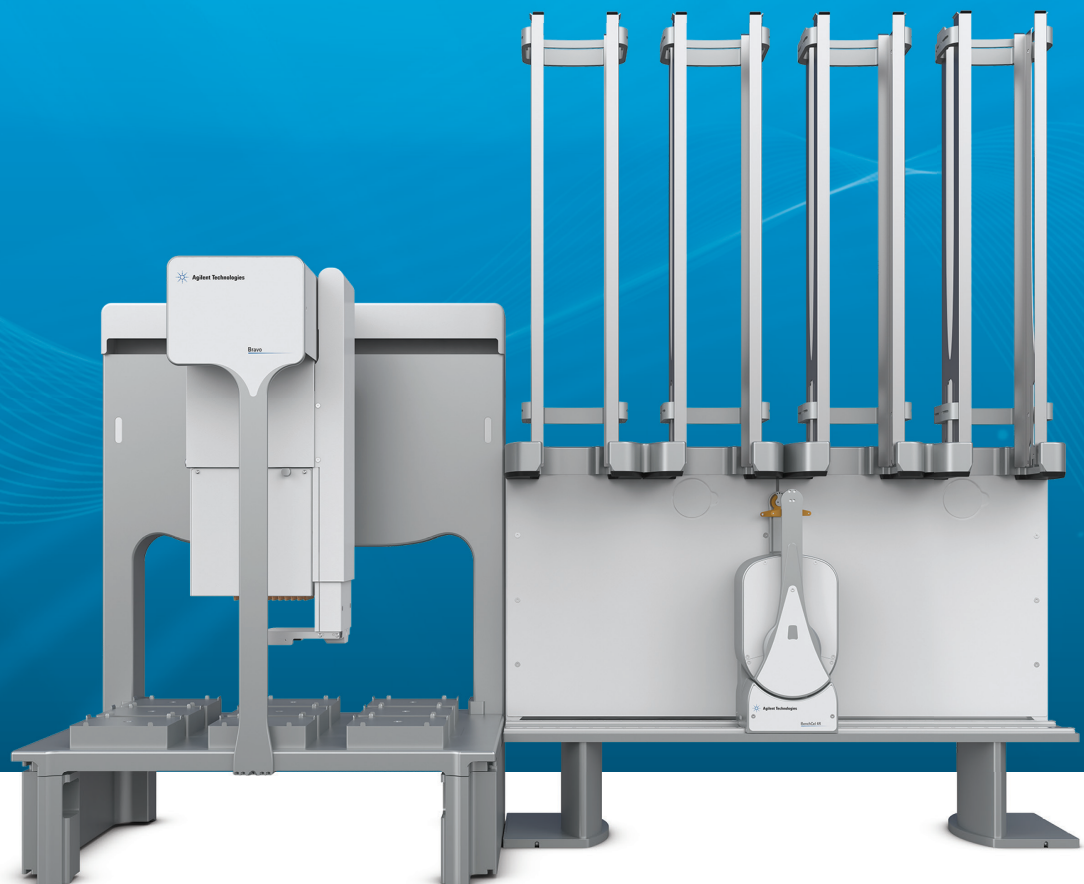




Agilent BenchCel Workstations

VERSATILE, FLEXIBLE, FAST



Agilent Technologies

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.

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





At the center of each workstation is the Agilent BenchCel Microplate Handler.

Key Features

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

Fast cycle times

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

Flexibility

PlateLoc automatically accommodates various ANSI-compliant microplates

Wide choices of microplate seal

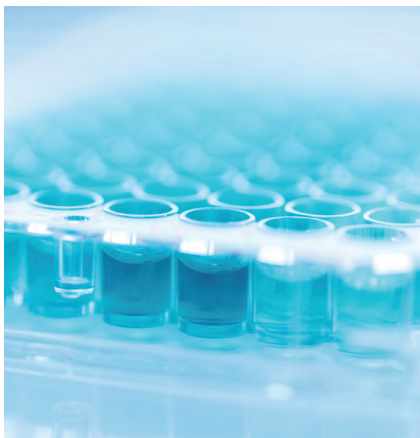
Compatible with aluminum or optically clear seals (pierceable or peelable)

Expandable functionality

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

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

Some configurations are available without risers



Common plate sealing applications

Pharmaceutical compound storage and screening facilities working with large volumes of microplates that require sealing

Genomics researchers who need reliable and consistent seals for thermal cycling applications

Assay suppliers who provide ready-to-use plate-based chemistry requiring sealed microplates to be shipped to customers

AUTOMATED PLATE LABELING

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
- Bravo Liquid Handling Platform

Some configurations are available without risers



Agilent BenchCel Microplate Handler with Microplate Barcode Labeler

Common plate labeling applications

Cell culture research labs that work with large numbers of microplates and need traceability

Pharmaceutical compound storage and screening facilities with high volume, on-the-spot custom labeling requirements

Microplate manufacturers who provide generic and custom barcoded consumables

Assay suppliers who provide ready-to-run plate-based chemistry with specific plate labeling requirements to print lot numbers, pull dates and other key manufacturing information



AUTOMATED HIGH-THROUGHPUT SCREENING

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

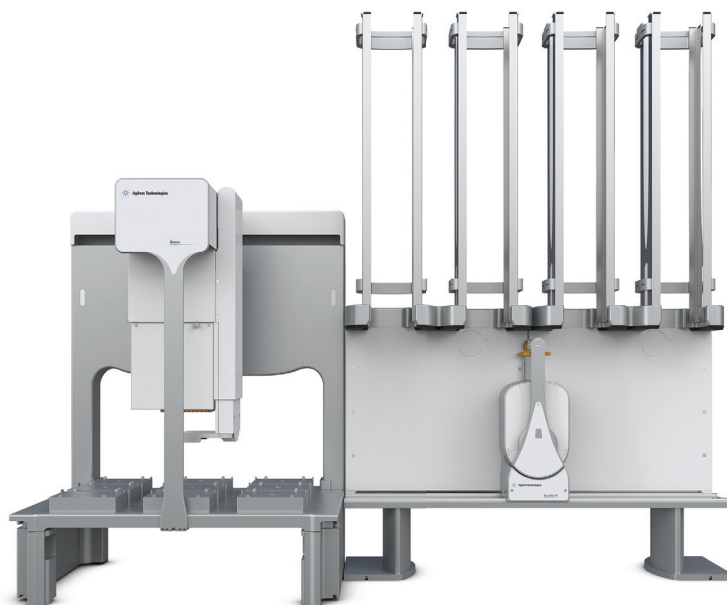
Application versatility

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

Expandable functionality

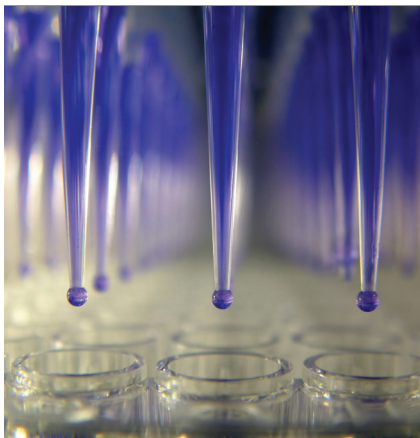
Integration of select Agilent devices enables additional utility and applications

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



Agilent BenchCel Microplate Handler with Bravo Liquid Handling System

Some configurations are available without risers



Common high-throughput screening applications

Compound management research laboratories that need to create large numbers of replicates from a single-source plate

Research screening facilities that need to create general serial dilution plates for analytical testing

Addition of plate sealing, labeling, or centrifugation for a complete microplate 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.

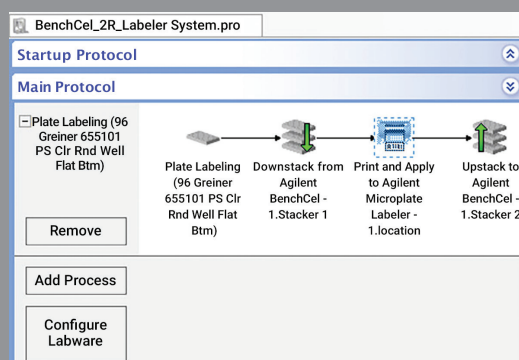
Each BenchCel Workstation is provided with standard VWorks protocols focused around standard automation procedures such as Plate Sealing, Plate Labeling, and Plate Centrifugation. Advanced protocols focused around Serial Dilution and Plate Replication workflows are also provided.

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.

Visit www.agilent.com/crosslab

Learn more

www.agilent.com/chem/BenchCelWorkstation

Buy online

www.agilent.com/chem/store

Find a local Agilent customer center
in your country

www.agilent.com/chem/contactus

USA and Canada

1-800-227-9770

agilent_inquiries@agilent.com

Europe

info_agilent@agilent.com

India

lsca-india_marketing@agilent.com

Asia Pacific

inquiry_lsca@agilent.com

For Research Use Only. Not for use in diagnostic procedures
This information is subject to change without notice.

© Agilent Technologies, Inc. 2017
Printed in the USA August 8, 2017
5991-7968EN