



# Biomek **NGenius**S

AUTOMATED NGS WORKSTATION... SIMPLIFIED

IT'S NOT JUST SMART. IT'S **INGENIOUS**.



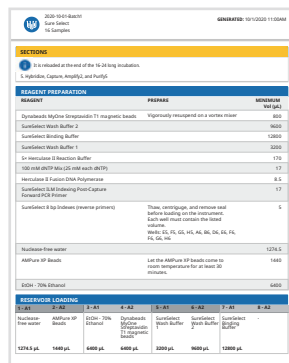
You asked for an accurate, easy to use, cost-effective, NGS sample prep system with built-in error reduction and the flexibility to run an array of library preparation kits from multiple vendors—without requiring in-depth programming knowledge, and now it's here.

ACCELERATING  
*answers.*

 **BECKMAN  
COULTER**  
*Life Sciences*



- mRNA
- Total RNA
- Targeted RNA (Amplicon & Hybridization Capture)



## Accelerating Answers

# Biomek NGeniusS Workstation

## The latest in a long line of Smart Automation Technology

Inspired by Beckman Coulter's 30-plus years of laboratory automation and Smart Automation Technology, Biomek NGeniusS Workstation represents an evolutionary leap in NGS liquid-handling systems with its best-in-class performance, error-reduction technology, ease-of-use, reduced hands-on-time, and flexibility.

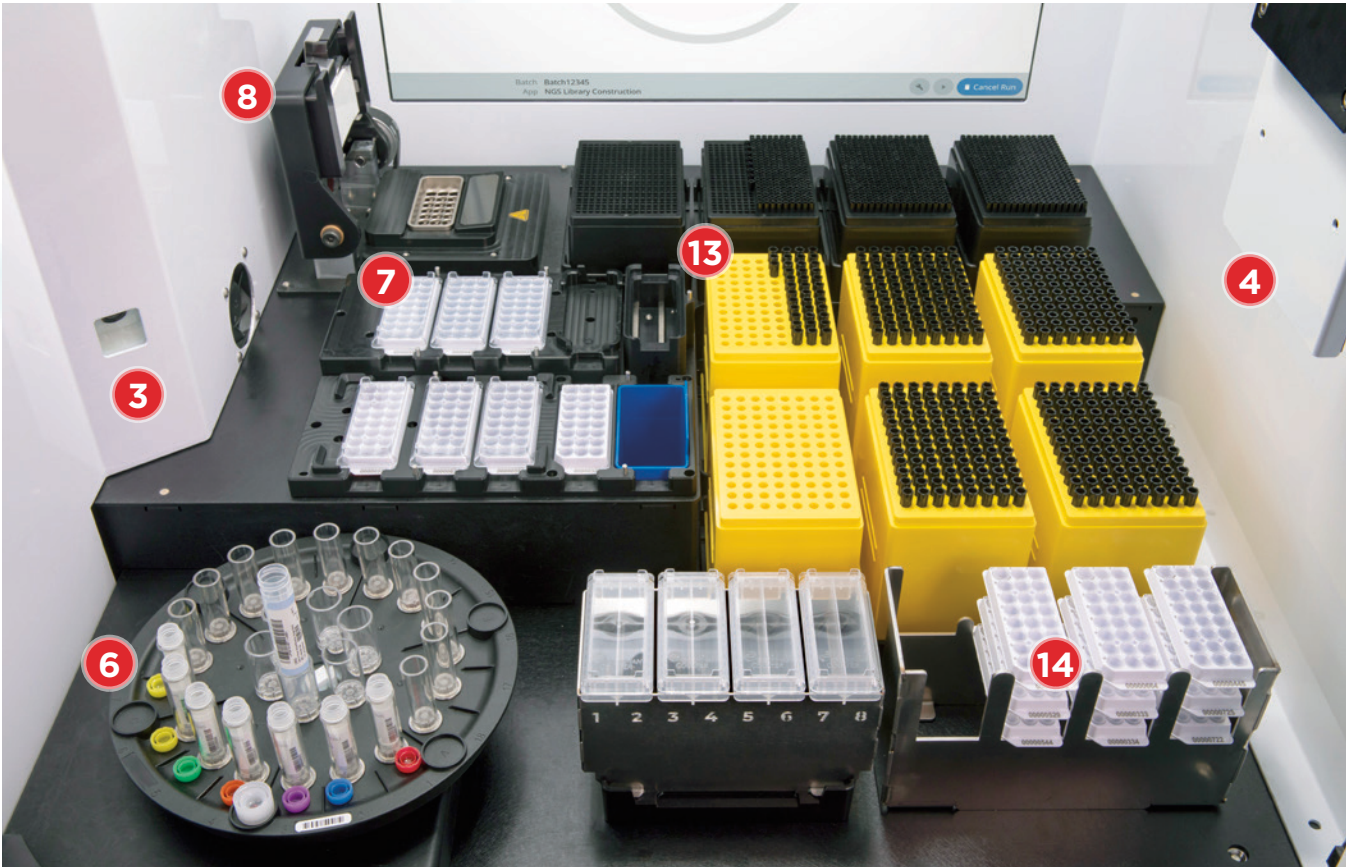


### Error reduction

- 1 **Dynamic DeckOptix** system provides software-guided labware placement and confirmation
- 2 **Head-up Display** ensures mission critical information is in sight
- 3 **Reagent Carousel Auto ID** confirms the correct reagents are on board for the samples being processed
- 4 **Multi-channel Liquid Level Sensing** aids in the detection of insufficient reagents, alerting the operator before it becomes a processing issue
- 5 **Sample Tracking** eliminates the worry of mixing up samples when running in pre- and post-PCR lab environments

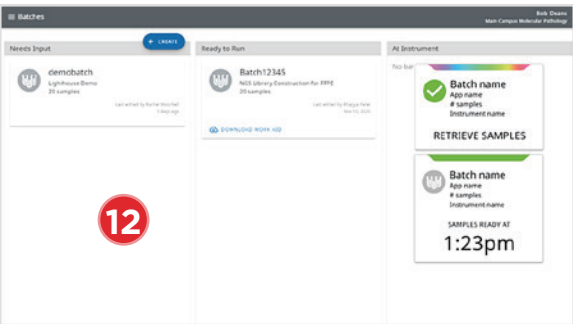
### Less hands-on-time

- 6 **Reagent Carousel** reduces the need to manually transfer reagents and automates most reagent kits designed for manual use
- 7 **Temperature-controlled Reagent Storage** protects reagents from thermal degradation and allows you to run end-to-end chemistries
- 8 **Integrated Thermal Cycler** extends walkaway time
- 9 **Multi-functional Pipetting Pod**
  - **Pipetting Range** - 1 to 1000 µL
  - **Selective Tip Type** - ensures the right tip for the right volume without manual intervention
  - **Select Tip** - 1 to 8 tips for pipetting efficiency
  - **Labware Transport** - enables longer walkaway time
- 10 **UV-C Light** standard on the system



### Easier to use

- 11 **Software Navigation Dial** makes system programming as simple as turn and select
- 12 **Biomek NGeniusS Portal Software\*** allows setup and monitoring of batch runs from wherever it's most convenient for you
- 13 **Partial Tip Box Use** eliminates manual tip transfers and/or wasting partially used tip boxes
- 14 **Multi-functional Reaction Vessel** provides 3-in-1 functionality and less inventory management
- 15 **Multicolor Status Light** provides 360° line of sight system status



### Flexible design

- ✓ **Dynamic Sample Batch Size** accommodates batch sizes of 4 to 24 samples
- ✓ **Complimentary Application Library** is designed to evolve with your changing chemistry needs
- ✓ **Network Enabled Scalability** enables you to seamlessly set-up and run multiple instruments from your Biomek NGeniusS portal.
- ✓ **Continuing Application Development** ensures your investment is protected for the foreseeable future

\* Requires a Google Chrome or Microsoft Edge enabled computer.



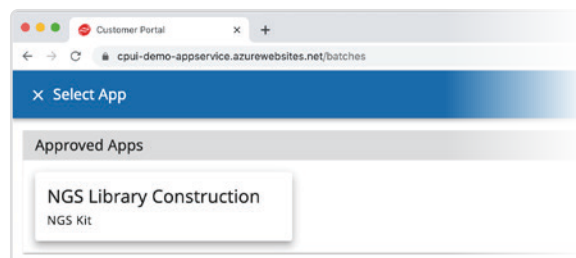
# The **Genius** is in its Simplicity

The unique instrument design and software functionality of the **Biomek NGenius** Workstation not only make it easy to operate, but advanced programing skills are not necessary to set up an application and complete a run.

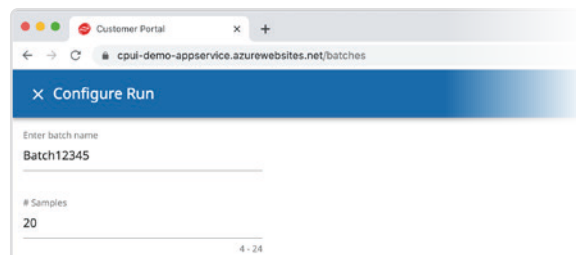
Set up and run a batch in 6 easy steps...

On the Biomek NGenius Portal software:

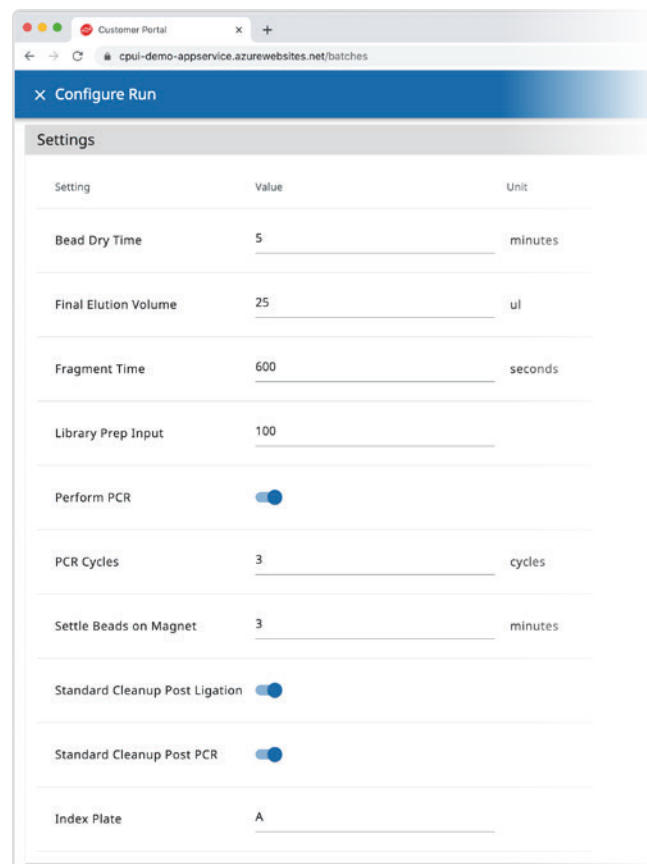
**Step 1** Select an application



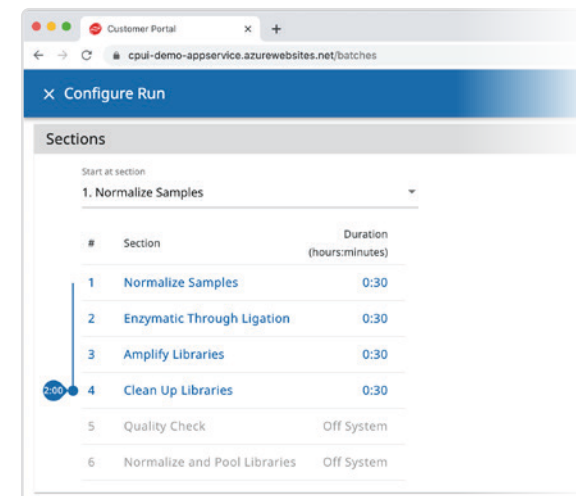
**Step 2** Enter batch name and number of samples from 4 to 24



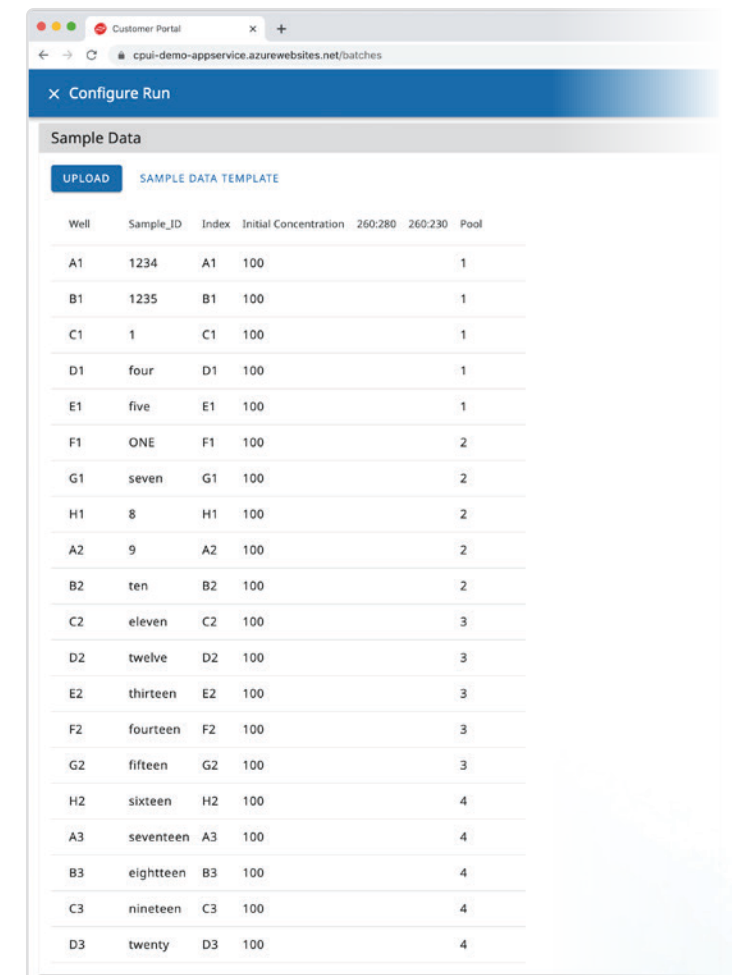
**Step 3** Make any necessary setting adjustments



**Step 4** Select the stop point that fits your schedule

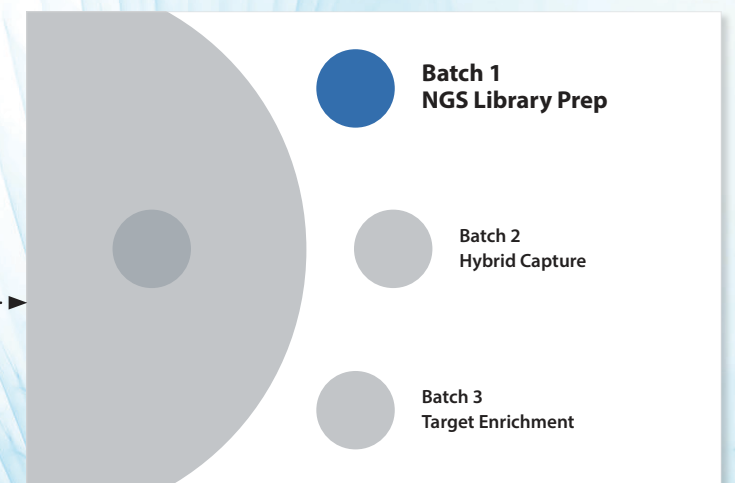
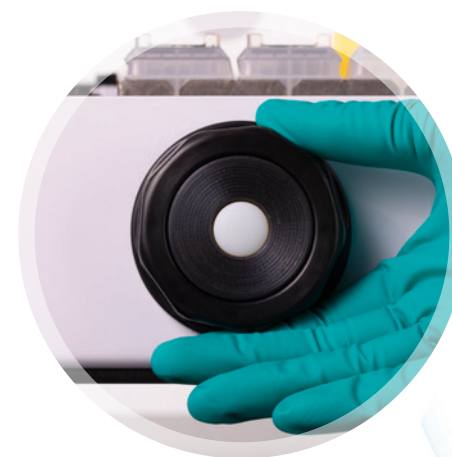


**Step 5** Upload your Sample Data and select 'Ready to Run'



On the instrument:

**Step 6** Use the dial on the instrument to select the batch and you are ready to run





Biomek  
NGeniusS

# Biomek NGeniusS Workstation

Small footprint, unimaginable power and performance

Part Number	Description	Power Requirements	Weight	Dimensions (W x D X H)
C62705	Biomek NGeniusS Workstation	10 A, 100-240 V, 50/60 Hz	131 lb (59.5 kg)	29 in x 31 in x 32 in (73.2 cm x 78 cm x 81 cm)

# Biomek NGeniusS Consumables

The most critical point of contact

The Biomek NGeniusS Workstation is optimized to perform as a complete system, which is why only Biomek consumables from Beckman Coulter Life Sciences are validated and approved for use.

Part Number	Description	Quantity
C62705	Biomek Reaction Vessel, 24 well	30/Box
C62706	Biomek Lid, 24 well	30/Box
C62707	Biomek Bulk Reservoir, 20 mL/section	30/Box
C59585	Case, Tips, 1025 µL, Conductive, Filtered, 480 Tips	5 Racks/Box (96 per rack)
C62712	Case, Tips, 70 µL, Conductive, Filtered, 3840 Tips	10 Racks/Box (384 per rack)
C70672	Case, Biomek 1025 µL Tip Box, Empty, 10 Racks	10 Racks/Box
C70673	Case, Biomek 70 µL Tip Box, Empty, 10 Racks	10 Racks/Box
C70665	Biomek Seal Plate, 24 well	20/Box



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All other product names and brands are properties of their respective owners.

Biomek Automated Workstations are not intended or validated for use in the diagnosis of disease or other conditions.

In development, performance characteristics have not been validated.

For Beckman Coulter's worldwide office locations and phone numbers, please visit "Contact Us" at [beckman.com](https://www.beckman.com)

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