Enhanced Productivity for Streamlined Genomic Workflows

Transform your next-generation sequencing (NGS) workflow with a streamlined, high-throughput liquid handling platform that combines automation, integrated hardware, and validated SureSelect protocols. The Agilent Bravo NGS workstation with on-deck thermal cycler (ODTC) enhances productivity while providing versatility for genomics labs.

Benefits of the Bravo NGS Workstation with ODTC

- **Drive productivity**
  Reduce touchpoints by up to 67% and improve walkaway time with the ODTC

- **Enhance efficiency**
  Increase throughput with easy-to-use, flexible automation accommodating up to 96 samples per run

- **Ensure reliability**
  Consistent sample handling enables reproducible data across large sample numbers

- **Application flexibility**
  Versatile, open, and modular system can be tailored for a broad range of genomics applications allowing workflow automation, customization, and optimization

The on-deck thermal cycler (ODTC) for the Bravo NGS workstation provides your lab with:

- Direct pipetting into the 96-well microplates – end-to-end workflow for automated library preparation and target enrichment
- Improved workflow efficiency to minimize technician hands-on time, driving productivity and reproducibility
**Reagent Advantages**

**Easy start-up with integrated thermal cycler and reagents**
- Enables on-platform PCR using proven SureSelect XT HS2 chemistry and protocols to minimize the need for assay optimization.

**One-vendor solution**
- SureSelect protocols are validated for the Bravo NGS workstation providing an automated solution with advanced library preparation and target enrichment chemistry.

**Open platform**
- Accommodates a variety of reagent providers including Illumina, KAPA, NEB, and 10x Genomics. Ready-made protocols can be provided upon request, enabling customization to serve a variety of genomics labs.

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**Agilent VWorks Automation Control Software**

**Intuitive software**
- VWorks Automation Control software is flexible and designed for all user levels. Researchers can quickly start using the Bravo instrument with ready-to-use graphical user interface forms.

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**Whole-Exome Sequencing (Library Prep Only)**

<table>
<thead>
<tr>
<th>Samples Per Week</th>
<th>Maximum Walkway Time</th>
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</thead>
<tbody>
<tr>
<td>960</td>
<td>60 min</td>
</tr>
<tr>
<td>60 min</td>
<td>Up to 5 hours</td>
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**Target Enrichment**

<table>
<thead>
<tr>
<th>Samples Per Week</th>
<th>Maximum Walkway Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>195</td>
<td>60 min</td>
</tr>
<tr>
<td>60 min</td>
<td>Up to 7 hours</td>
</tr>
</tbody>
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*Figure 1.* Sample throughput and walkaway time comparison with the Agilent Bravo platform.