Gain a comprehensive view of genomes, transcriptomes, and epigenomes

- Create high-quality whole genome de novo assemblies of eukaryotic organisms
- Call all variant types with the highest precision and recall for small and large variants
- Survey large population cohorts and resolve structural variants
- Read full-length transcripts to characterize isoform diversity
The Sequel II system, powered by Single Molecule, Real-Time (SMRT®) technology, delivers highly accurate long reads, uniform coverage and epigenetic characterization.

**SMRT® Link**
- Integrated end-to-end workflow from sample setup to experimental results
- Real-time monitoring across multiple instruments
- Data management and user access control

**SMRT consumables**
- Sample to sequencing in a day
- Cost-effective, scalable workflows
- Flexible protocols support a variety of sample types and insert sizes

**Easy-to-use analytical software**
- Graphical and command-line user interfaces
- Comprehensive APIs for easy integration
- Utilization of industry-standard formats
- Ongoing application development through PacBio DevNet community

**Instrument operating environment**

<table>
<thead>
<tr>
<th>Power requirements</th>
<th>208–240 VAC, 30A. UPS recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>19–25°C (66.2–77°F) ±2°C per hour</td>
</tr>
<tr>
<td>Humidity</td>
<td>20–80%, noncondensing</td>
</tr>
<tr>
<td>Ventilation</td>
<td>HVAC capacity of up to 13,956 BTU (4090 watts)</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>50 psi (2,585 torr)</td>
</tr>
<tr>
<td>W×D×H</td>
<td>36.5 × 34 × 66 in (92.7 × 86.4 × 167.6 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>798 lb (362 kg)</td>
</tr>
</tbody>
</table>

Run your project with a PacBio certified service provider: pacb.com/CSP

Connect with PacBio for more info:
- North America: nasales@pacb.com
- South America: sasales@pacb.com
- EMEA: emea@pacb.com
- Asia Pacific: apsales@pacb.com

Learn about HiFi sequencing and the Sequel IIe system: pacb.com/sequel

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