

Features	BSD600 Ascent <b>M2</b>	BSD600 Ascent <b>A2</b>	BSD Nova <b>M4</b>	BSD <b>300</b>
<b>Plate Capacity</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>
<b>Plate Compatibility</b>	96-well standard and deep well; PCR plates / tube racks		96-well standard height microplate	96-well standard and deep well; PCR plates / tube racks
<b>Punch System</b>	dual	dual	single	dual
<b>Integrated Barcode Reader</b>	✓	✓	✓	✓
<b>Auto-trigger Function</b>	✓	✓	✓	optional
<b>Light Targeting System</b>	–	✓	–	✓
<b>Automatic Pattern Punching</b>	–	✓	–	✓
<b>Dust Extraction System</b>	–	✓	–	optional
<b>Cleaning Container</b>	✓	✓	✓	
<b>Air Humidification System</b>	✓	✓	✓	✓
<b>Ionizer System</b>	optional	optional	–	–
<b>Plate Validation Camera &amp; Touchscreen</b>	optional	optional	–	–
<b>Computer Software</b>	new BSD software (Win10 OS)			traditional BSD
<b>Output File Formats</b>	.csv / .txt / .dat / .xml			.txt / .dat / .rep
<b>Power Supply</b>	external 110-240V			internal 110-240V
<b>Physical Dimensions</b>	515 W x 585 D x 425 H*		650 W x 435 D x 350 H	1000 W x 450 D x 400 H

\* Height does not include any tablet mount.