

Features	BSD600 Ascent M2	BSD600 Ascent A2	BSD Nova M4	BSD Galaxy A9	BSD300
Plate Capacity	2	2	4	9	6
Plate Compatibility	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	96-well standard and deep well; PCR plates / tube racks
Punch System	Fixed - dual	Robotic - dual	Fixed - single	Robotic - dual	Robotic - dual No quick release
Integrated Barcode Reader	✓	✓	✓	✓	✓
Auto-trigger Function	✓	✓	✓	✓	optional
Light Targeting System	✗	✓	✗	✓	✓
Automatic Pattern Punching	✗	✓	✗	✓	✓
Dust Extraction System	✗	✓	✗	✓	optional
Cleaning Container	✓	✓	✓	✓	✗
Air Humidification System	✓	✓	✓	✓	✓
Ionizer System	✓	✓	✗	✓	✗
Plate Validation Camera & Touchscreen	✓	✓	✗	✓	✗
Computer Software	new BSD software (Win10 OS)				Traditional BSD
Output File Formats	.csv / .txt / .dat / .xml				.txt / .dat / .rep
Power Supply	external 110-240V				internal 110-240V
Physical Dimensions	515 W x 585 D x 425 H*		650 W x 435 D x 350 H	855 W x 575 D x 385 H	1000 W x 450 D x 400 H