



**Biacore T100:**



**Biacore 1000:**

Technology	SPR	SPR
Sensor Chips	Series S	Classic
<b>Molecular Weight Detection</b>	<b>&gt; 100 Da</b>	<b>&gt; 1000 Da</b>
Kinetic Ranges		
ka	$10^3$ - $10^7$ M <sup>-1</sup> s <sup>-1</sup>	$10^3$ - $5 \times 10^6$ M <sup>-1</sup> s <sup>-1</sup>
kd	$10^{-5}$ - $0.5$ s <sup>-1</sup>	$10^{-5}$ - $10^{-2}$ s <sup>-1</sup>
Kd range	0.2 nM- ~0.5mM	1 nM- ~10uM
<b># Detection spots/ sensor surface</b>	<b>4 (in series)</b>	<b>4 (parallel)</b>
Automatic reference Subtraction	yes	no
Dynamic Range (RU)	0-70,000	0-33,000
Unattended operation	up to 48 hours	up to 24 hours
Sample Capacity	1 x 96 or 384 plate plus reagent vials	1 x 96 plus vials
Sample needles	1	1
<b>Buffer scouting</b>	<b>yes</b>	<b>no</b>
LMW capable	yes	no
In-line degassing	yes	no
<b>Sample temp. contro l</b>	<b>4-45°C</b>	<b>none</b>
<b>Analysis temp control</b>	<b>4-45°C</b>	<b>20-37°C</b>
Wizard-based methods	yes	no
Advanced Analysis Software	yes	no