

## Specifications

<b>Mass range:</b>	<b>6110 and 6120:</b> $m/z$ 10–1500 <b>6130:</b> $m/z$ 2–3000 <b>6140:</b> $m/z$ 10–1350
<b>Mass accuracy:</b>	$\pm 0.13$ u within the calibrated mass range in scan mode
<b>Mass axis stability:</b>	Mass drift does not exceed the larger absolute value of $\pm 0.1$ u or $\pm 100$ ppm of measured mass over a 12 hour period at constant temperature $\pm 3$ degrees centigrade
<b>Scan Speed:</b>	<b>6110:</b> 2500 u/s <b>6120:</b> 2500 u/s <b>6130:</b> 2500 u/s in standard mode, 5250 u/s in fast-scan mode <b>6140:</b> 2500 u/s in standard mode, 10000 u/s in fast-scan mode
<b>SIM sensitivity:</b>	<ul style="list-style-type: none"><li>• ESI at 400 <math>\mu\text{L}/\text{min}</math> or APCI at 1000 <math>\mu\text{L}/\text{min}</math></li><li>• Selected ion monitoring of <math>m/z</math> 609.3</li><li>• Positive ionization</li></ul> <b>6110 and 6120:</b> 10 pg reserpine, 100:1 RMS (20:1 peak-to-peak) <b>6130 and 6140:</b> 1 pg reserpine, 100:1 RMS (20:1 peak-to-peak)
<b>Scan sensitivity:</b>	<ul style="list-style-type: none"><li>• ESI at 400 <math>\mu\text{L}/\text{min}</math> or APCI at 1000 <math>\mu\text{L}/\text{min}</math></li><li>• Scan range <math>m/z</math> 100–650</li><li>• Scan speed 2500 u/s</li><li>• Extracted ion at <math>m/z</math> 609.3</li><li>• Positive ionization</li></ul> <b>6130 and 6140:</b> 50 pg reserpine, 100:1 RMS (20:1 peak-to-peak)
<b>Multiple signal acquisition:</b>	<b>6120, 6130 and 6140:</b> Ability to cycle through four different acquisition modes on a scan-by-scan basis within a single run.