

# RAZOR® Instruments Comparison



Decommissioned  
Fall 2018



Available  
Late 2019

RAZOR EX Instrument	RAZOR Mk II Instrument
<b>Reagents</b>	
<ul style="list-style-type: none"> <li>Freeze-dried, no refrigeration required</li> <li>1 sample, 10 targets</li> </ul>	<ul style="list-style-type: none"> <li>Freeze-dried, no refrigeration required</li> <li>1 sample, 10 targets</li> </ul>
<b>User Interface</b>	
<ul style="list-style-type: none"> <li>8.2 x 5.7 cm (3.25 x 2.25 in.) 320 x 240 color screen</li> <li>Large membrane push-button interface</li> <li>Barcode reader to load pouch and protocol information</li> </ul>	<ul style="list-style-type: none"> <li>Improved 9.4 x 5.4 cm (3.70 x 2.12 in.) 480 x 242 color screen</li> <li>Updated large membrane push-button interface</li> <li>Barcode reader to load pouch and protocol information</li> <li>Updated software interface</li> <li>Multiple language options: English, French, German, Italian, Spanish, Portuguese and Korean</li> </ul>
<b>Operation</b>	
<ul style="list-style-type: none"> <li>Instrument set-up time in less than 5 minutes</li> <li>PCR results in 30 minutes</li> </ul>	<ul style="list-style-type: none"> <li>Instrument set-up time in less than 5 minutes</li> <li>PCR results in 30 minutes</li> </ul>
<b>Data Output</b>	
<ul style="list-style-type: none"> <li>Automatic analysis with interpretive calls describing real-time positive or negative calls</li> <li>Real-time display of fluorescent readings and qualitative calls</li> <li>USB and Bluetooth for data download and archiving</li> </ul>	<ul style="list-style-type: none"> <li>Automatic analysis with interpretive calls describing real-time positive or negative calls</li> <li>Real-time display of fluorescent readings and qualitative calls</li> <li>USB for data download and archiving</li> </ul>
<b>Dimensions, Weight and Environment</b>	
<ul style="list-style-type: none"> <li>Size: 25.4 x 11.4 x 19 cm (10 x 4.5 x 7.5 in.) (W x D x H)</li> <li>Weight: 4.9 kg (11 lb.)</li> <li>Temperature: Storage -20°C - 70°C   Operation 0°C - 40°C</li> </ul>	<ul style="list-style-type: none"> <li>Size: 25.4 x 11.4 x 19 cm (10 x 4.5 x 7.5 in.) (W x D x H)</li> <li>Weight: 4.9 kg (11 lb.)</li> <li>Temperature: Storage -20°C - 60°C   Operation 0°C - 40°C</li> </ul>
<b>Power Supply</b>	
<ul style="list-style-type: none"> <li>24 V 4 A external power supply (power cable and convertor, included)</li> <li>100–240 V, 50/60 Hz, 7.0/6.0 A, 650 W</li> <li>Locking USB and power connections</li> </ul>	<ul style="list-style-type: none"> <li>24Vdc 6.25A external power supply (power cable and convertor, included)</li> <li>100 - 240V, 47/63 Hz, 2.5A, 150W</li> <li>Locking USB and power connections</li> </ul>
<b>Battery Pack</b>	
<ul style="list-style-type: none"> <li>Rechargeable battery pack (included)</li> <li>4 runs per battery charge</li> <li>Battery is classified as IATA Dangerous Goods</li> </ul>	<ul style="list-style-type: none"> <li>Rechargeable battery pack (included)</li> <li>5 runs per battery charge</li> <li>Battery does not need to be shipped as Dangerous Goods</li> <li>Instrument will run on older RAZOR EX batteries</li> </ul>