







## Mainstream Capnograph Competitors

Model	Features
<b>Respironics – Tidal Wave Sp 710</b>    <b>Respironics – Tidal Wave Sp 715</b> (Mainstream & Sidestream)	<ul style="list-style-type: none"> <li>▪ Display: Backlit LCD, 55mm x 28mm</li> <li>▪ Data Displayed; EtCO<sub>2</sub>, FiCO<sub>2</sub>, RR, SpO<sub>2</sub>, PR, Capnogram, Plethysmogram</li> <li>▪ Unit Size (mm): 200 x 950 x 48</li> <li>▪ Unit Weight (g): 793</li> <li>▪ Ingress Protection: Not stated</li> <li>▪ Calibration: Not required</li> <li>▪ Warm-up Time: Capnogram within 15 seconds, full specification within 60 seconds</li> <li>▪ Total Response Time: 60 ms</li> <li>▪ Data Storage: 30 min on screen, 24 hours battery backed</li> <li>▪ Power Supply Options: Rechargeable batteries, AC power supply</li> <li>▪ Battery Life: 4.5 hours (NiMH rechargeable batteries), 5.5 hours (standard batteries)</li> </ul>
<b>Respironics – CO2SMO</b>  	<ul style="list-style-type: none"> <li>▪ Display: Cold Cathode Display (CCD), 127mm x 308mm</li> <li>▪ Data Displayed; EtCO<sub>2</sub>, FiCO<sub>2</sub>, RR, SpO<sub>2</sub>, PR, Capnogram, Plethysmogram</li> <li>▪ Unit Size (mm): 229 x 203 x 838</li> <li>▪ Unit Weight (kg): 3.63</li> <li>▪ Ingress Protection: Not stated</li> <li>▪ Calibration: Not required</li> <li>▪ Warm-up Time: Capnogram within 15 seconds, full specification within 60 seconds</li> <li>▪ Total Response Time: 60 ms</li> <li>▪ Data Storage: 30 min / 2hr / 8hr / 12hr on screen or printed out, 24hr battery backed</li> <li>▪ Power Supply Options: Sealed lead acid gel cell, AC power supply</li> <li>▪ Battery Life: 2hrs</li> <li>▪ Battery recharging time: 12hrs</li> </ul>
<b>HP/Philips – IntelliVue MP2</b> <b>Model: M3014A</b> (Mainstream or Sidestream)  	<ul style="list-style-type: none"> <li>▪ Display: LCD TFT, touchscreen</li> <li>▪ Data Displayed; EtCO<sub>2</sub>, FiCO<sub>2</sub>, RR, SpO<sub>2</sub>, PR, Capnogram, Plethysmogram, BP, Temperature, ECG</li> <li>▪ Unit Size (mm): 188 x 99 x 86</li> <li>▪ Unit Weight (kg): 1.5</li> <li>▪ Ingress Protection: IP32 (Monitor, not including external power supply)</li> <li>▪ Calibration: Not stated</li> <li>▪ Warm-up Time: Mainstream: 2 mins. for full accuracy, Warm-up Time Sidestream: 2 mins. for full accuracy</li> <li>▪ Total Response Time: Mainstream: Less than 60ms</li> <li>▪ Total Response Time Sidestream: 3 seconds.</li> <li>▪ Sidestream Sample Flow Rate: 50 +/- 15/-7.5 ml/min</li> <li>▪ Data Storage: up to 48 hours</li> <li>▪ Power Supply Options: Standard batteries, AC power</li> <li>▪ Battery Life: 3hrs</li> </ul>
<b>Phasein – EMMA</b>  	<ul style="list-style-type: none"> <li>▪ Display:</li> <li>▪ Data Displayed; EtCO<sub>2</sub>, RR,</li> <li>▪ Unit Size (mm): 52 x 39 x 39</li> <li>▪ Unit Weight (g): 60</li> <li>▪ Ingress Protection: IPX1</li> <li>▪ Calibration: Not required</li> <li>▪ Warm-up Time: 5 seconds to full accuracy</li> <li>▪ Total Response Time: 60 ms</li> <li>▪ Data Storage: Not available</li> </ul>

<p><b>Smiths Medical – Capnocode</b> (Own brand label of the EMMA)</p> 	<ul style="list-style-type: none"> <li>▪ Power Supply Options: 2 x AA Batteries</li> <li>▪ Battery Life: 8hrs</li> </ul>
<p><b>Nonin – 9847</b></p> 	<ul style="list-style-type: none"> <li>▪ Display: LED</li> <li>▪ Data Displayed; EtCO<sub>2</sub>, RR SpO<sub>2</sub>, PR</li> <li>▪ Unit Size (mm): 80 x 150 x 20</li> <li>▪ Unit Weight (g): 310</li> <li>▪ Ingress Protection: Not stated</li> <li>▪ Calibration: Not required</li> <li>▪ Warm-up Time: “First breath” activation</li> <li>▪ Total Response Time: 250ms</li> <li>▪ Data Storage: 24hrs</li> <li>▪ Power Supply Options: 6 x AA Batteries</li> <li>▪ Battery Life: 20hrs</li> </ul>