



AQM 65	AQS 1	Dust Sentry/Dust Sentry Pro	Portable Air Monitors
<b>MEASUREMENT PARAMETERS</b>			
<ul style="list-style-type: none"> <li>• PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1</sub>, TSP, NO<sub>2</sub>, CO, O<sub>3</sub>, SO<sub>2</sub>, NO<sub>x</sub>, VOC, H<sub>2</sub>S, CO<sub>2</sub>, NH<sub>3</sub>, Meteorological, Noise</li> </ul>	<ul style="list-style-type: none"> <li>• PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1</sub>, TSP, Meteorological, Noise</li> </ul>	<ul style="list-style-type: none"> <li>• PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1</sub>, TSP, Meteorological, Noise</li> </ul>	<ul style="list-style-type: none"> <li>• PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>2</sub>, CO, O<sub>3</sub>, SO<sub>2</sub>, VOC, H<sub>2</sub>S, CO<sub>2</sub>, NH<sub>3</sub>, CH<sub>4</sub>, C<sub>12</sub>, Temp, RH</li> </ul>
<b>TYPICAL DATA QUALITY</b>			
★★★★★	★★★★	★★★★	★★
<b>REMOTE DATA ACQUISITION</b>			
<ul style="list-style-type: none"> <li>• Wifi/Ethernet/modem</li> </ul>	<ul style="list-style-type: none"> <li>• Wifi/Ethernet/modem</li> </ul>	<ul style="list-style-type: none"> <li>• Wifi/Ethernet/modem</li> </ul>	<ul style="list-style-type: none"> <li>• Downloadable</li> </ul>
<b>DATA VISUALISATION AND REPORTING</b>			
<ul style="list-style-type: none"> <li>• Live and continuous data on Aeroqual Cloud and/or Eagle IO</li> </ul>	<ul style="list-style-type: none"> <li>• Live and continuous data on Aeroqual Cloud and/or Eagle IO</li> </ul>	<ul style="list-style-type: none"> <li>• Live and continuous data on Aeroqual Cloud and/or Eagle IO</li> </ul>	<ul style="list-style-type: none"> <li>• Not Available</li> </ul>
<b>CALIBRATION (CERTIFIED GAS)</b>			
<ul style="list-style-type: none"> <li>• Automated and/or Field</li> </ul>	<ul style="list-style-type: none"> <li>• Factory or Field</li> </ul>	<ul style="list-style-type: none"> <li>• Factory or Field</li> </ul>	<ul style="list-style-type: none"> <li>• In the Field with Certified Gases</li> </ul>
<b>AUTOMATIC BASELINE CORRECTION</b>			
<ul style="list-style-type: none"> <li>• Every 60 seconds (gas), auto-zero calibration (PM)</li> </ul>	<ul style="list-style-type: none"> <li>• Every 60 seconds (gas), auto-zero calibration (PM)</li> </ul>	<ul style="list-style-type: none"> <li>• Every 60 seconds (gas), auto-zero calibration (PM)</li> </ul>	<ul style="list-style-type: none"> <li>• Not Available</li> </ul>
<b>POWER SUPPLY</b>			
<ul style="list-style-type: none"> <li>• Mains recommended</li> </ul>	<ul style="list-style-type: none"> <li>• Mains, solar, battery</li> </ul>	<ul style="list-style-type: none"> <li>• Mains, solar, battery</li> </ul>	<ul style="list-style-type: none"> <li>• Mains, solar, battery</li> </ul>
<b>WEATHER/DUST PROTECTION</b>			
<ul style="list-style-type: none"> <li>• IP65</li> </ul>	<ul style="list-style-type: none"> <li>• IP65</li> </ul>	<ul style="list-style-type: none"> <li>• IP65</li> </ul>	<ul style="list-style-type: none"> <li>• IP31</li> </ul>
<b>TEMPERATURE CONTROL</b>			
<ul style="list-style-type: none"> <li>• Constant (heating/cooling system)</li> </ul>	<ul style="list-style-type: none"> <li>• Solar shielding (total enclosure)</li> </ul>	<ul style="list-style-type: none"> <li>• Solar shielding (total enclosure)</li> </ul>	<ul style="list-style-type: none"> <li>• Not Available</li> </ul>
<b>HUMIDITY CONTROL</b>			
<ul style="list-style-type: none"> <li>• Heated inlet</li> </ul>	<ul style="list-style-type: none"> <li>• Heated inlet</li> </ul>	<ul style="list-style-type: none"> <li>• Heated inlet</li> </ul>	<ul style="list-style-type: none"> <li>• Algorithm correction</li> </ul>
<b>EMAIL/SMS ALERTS (AUTOMATED)</b>			
<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Not Available</li> </ul>
<b>SAMPLING METHOD</b>			
<ul style="list-style-type: none"> <li>• Pump</li> </ul>	<ul style="list-style-type: none"> <li>• Pump</li> </ul>	<ul style="list-style-type: none"> <li>• Pump</li> </ul>	<ul style="list-style-type: none"> <li>• Fan/Diffusion</li> </ul>
<b>APPROVALS</b>			
<ul style="list-style-type: none"> <li>• MCERTS, AQMD 1466</li> </ul>	<ul style="list-style-type: none"> <li>• MCERTS, AQMD 1466</li> </ul>	<ul style="list-style-type: none"> <li>• MCERTS, AQMD 1466</li> </ul>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>
<b>OPERATING RANGE</b>			
<ul style="list-style-type: none"> <li>• -35°C to +50°C</li> </ul>	<ul style="list-style-type: none"> <li>• -10°C to +45°C</li> </ul>	<ul style="list-style-type: none"> <li>• -10°C to +45°C</li> </ul>	<ul style="list-style-type: none"> <li>• 0°C to +40°C</li> </ul>
<b>MAINTENANCE COST - % PURCHASE PRICE</b>			
<ul style="list-style-type: none"> <li>• 20% p.a.</li> </ul>	<ul style="list-style-type: none"> <li>• 10% p.a.</li> </ul>	<ul style="list-style-type: none"> <li>• 10% p.a.</li> </ul>	<ul style="list-style-type: none"> <li>• 10% p.a.</li> </ul>