**Aurora O2 Analyser Technical Checklist**

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| --- | --- |
| *Application Details* |  |
| *Industry Type* |  |
| *Analyser Location* |  |
| *Sample Gas Composition* |  |
| *Temperature of Sample Gas* |  |
| *Pressure of Sample Gas* |  |
| *Moisture Content – Yes/No* |  |

O2 Sensor/Detector Type:  Paramagnetic Sensor

Electrochemical Sensor

Power Supply:  110VAC/220VAC (Standard – Universal)

24VDC

Ranges:  0-5%, 0-10%, 0-25%

0-100%

95-100%

Front Panel:  Blank

Removable Wireless Tablet

Gas Handling Type\*  Internal Gas Handling (Single Inlet) - Standard

Full Gas Handling – Optional at extra cost

Integrated Sample Pump  Yes

(Only required if sample is not  No

under positive pressure)

Output\*

(Analogue outputs are either 0-10VDC or 4-20mA)  0-10VDC (Standard)

4-20mA (optional at extra cost)

Upgraded chart output

(20 additional alarms)

MI/995 – Analogue Output SCSI Cable  Yes

(optional at extra cost)  No

*Notes:*

- Blank Panel is provided with free issued S4i software to act as remote display and to automate coarse and fine calibration. Display: Removable wireless tablet with on-board logging facility.

- Internal Gas Handling: Basic option is single inlet for all sample and calibration gases.

- Full Gas Handling: Separate inlets for all samples and calibration gases. Fully solenoid controlled via analyser software.

- The standard I/O includes 3 contact closure alarm outputs. This upgraded option has 23 user configurable contact closure that can be used for alarms or to control external functions such as down-the-line calibration where valves to introduce calibration gas at the sample inlet point can be controlled automatically.