**Quasar (CLD) 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* |  |

Quasar CLD Type:  HVCLD-DNOX (Hot/Wet)

HVCLD-DNOX (NH3) – Dual NOX/NH3

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

24VDC

Ranges:  0-1000ppm (0.1%)

0-10,000ppm (1% - Standard)

0-100,000ppm – High Range (0-10%)

Front Panel:  Blank

Removable Wireless Tablet

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:*

- HVCLD-NOX: Heated vacuum CLD, measures NO, NO2 and NOx using a switched arrangement.

- HVCLD-DNOX: Heated dual detector CLD for continuous measurement of NO, NO2 and NOx.

- HVCLD-DNOX (NH3): Heated dual detector CLD for continuous measurement of NH3.

- 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.

- Pump control module can be used for automatic remote control of pumps as part of system.

- 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.