**Solar Xplore (FID) Technical Checklist**

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

Solar Xplore FID Type\*:  HFID-THC

HFID-DNMHC

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

24VDC

Mains + 24VDC

Power Cable:  UK

(Region specific connector)  EU

USA

China

Other (please specify)

Fuel Gas:  H2He (Standard)

H2 Fuel

Range Required:  0-1000ppm

0-10,000ppm (Standard)

0-100,000ppm

*SOLAR XPLORE FID OPTIONS:*

Internal Air Purifier\*:  Carbon Trap

AS90

Output\*

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

4-20mA (optional at extra cost)

Heated Line:  3 metres

5 metres

10 metres

15 metres

None

Gas Bottles:  Yes

No

Gas Bottles\*:  Empty

(Fuel & Calibration gas bottles with regulator)  Filled

*NOTES/FEATURES:*

- HFID-THC is a heated flame ionisation detector to measure total hydrocarbons in a sample.

- HFID-DNMHC is a heated flame ionisation with dual detector to measure methane, non-methane and total hydrocarbons in a sample.

- INTERNAL ZERO AIR GENERATOR: AS90 is a built-in heated catalyst zero air generator to supply hydrocarbon free air for increased stability and drift.

- PUMPS: Solar Xplore comes as standard with internal heated sample pump and internal air pump.

- DISPLAY: Detachable Wireless Tablet screen with on-board logging facility.

- Due to international shipping constraints for hazardous gases, we recommend purchasing empty gas bottles and filling them at local gas supplier.