

Flexible Reliable Compliant



A compact, portable & accurate heated FID analyser for the discontinuous measurement of VOC emissions.

S4 SOLAR XPLORE - Portable heated FID VOC analyser

The latest addition to our range of advanced FID analysers, the S4 SOLAR XPLORE is a compact, portable version of our popular S4 SOLAR rack mount analyser. With built-in features such as a detachable wireless tablet, a precision monobloc heated FID and an optional integrated Zero air generator, the S4 SOLAR XPLORE can be fitted with dual FID detectors for simultaneous monitoring of THC, NMHC and methane.

Designed and built in the UK, The Signal Group 'SOLAR' range of flame ionisation detectors are the latest 4th generation design; benefitting from knowledge and experience gained over 40 years.

For more information, get in touch on:



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Raising gas analysis to new levels



Ancillary equipment - Sample Handling modules & components

Specifically designed for conditioning gas samples in preparation of analysis



Sample probe with sintered filter

Imperial or metric sizes with various insertion lengths. Signal Group offer a large range of sample probes for various applications. These can be Heated or Insulated. Probe material include Stainless Steel, Monel, Hastaloy and ceramic. Air purging and calibration gas inlets are some of the options available.

Heated Line plus 530 Temperature controller

1/4" & 3/8" tube diameter, 1m to 20m in length. Signal Group's Trace heated line is designed to convey hot exhaust gases from sample points and probes to the analyser, without compromising sample integrity. With safety a major consideration the tough, flexible line is electrically isolated from the main supply and is thermally insulated to allow handling even at full temperature.



S4 SOLAR - Heated FID VOC analyser

The S4 SOLAR Heated FID VOC analyser employs Flame Ionisation Detectors (FID) technology and is designed for a standard 19" rack, with heated and non-heated options. A dual detector version is also available for the simultaneous measurement of total hydrocarbons, non-methane hydrocarbons and methane.

Authorised Representative:



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