



The IAG nG FLS is the ideal additional device to your FTIR to turn it into a complete, simple and safe working measuring build-up.

The IAG nG **FLS** were designed as additional devices for the simple and safe operation of FTIR analyzers. They provide a fully heated, filtered and adjustable sample gas flow through the analyzer, provided by a reliable heated sample gas pump. Setup is very simple and can be carried out in just a few minutes.

It only needs the connection of two heated lines, one to the FTIR and one to the sampling point, network connection, power and purge gas connections. Operation can be done on the device via pushbuttons, or via the provided software which also shows all important FTIR and **FLS** parameters such as sample flow, gas cell pressure and system temperatures.

Before and after measuring the device automatically starts purging the analyzer with nitrogen which will help to avoid costly mishaps such as corrosive probes condensing inside the gas cell. To achieve optimum measuring accuracy all gas contacted surfaces are stainless steel or PTFE with a uniform heating and minimised internal volume.

Advantages

- + Improved Safety
- + Easy Setup
- + Low Maintenance
- + Compact Design
- + Simple Operation

Technical Data

Dimensions:	300x460x490 mm
Weight:	20kg
Sample Gas Connections:	Swagelok ¼"
Heated Line Connections:	2x Binder 693
Purge Gas Connection:	CPI Quick Connect
Temperature Range:	5-200°C
Adjustable Sample Flow:	2-10l/Min
Filter Cartridge:	70cm ² PTFE Bond Glass
Power Supply:	115VAC 60Hz / 230VAC 50Hz