

Heated Sample Gas Line

GO-H 300 A

Sampling- Processing- Analysis

HEATED SAMPLE GAS LINE

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Heated measuring gas line with flexible hose line to maintain the gas temperature, as well as to prevent condensation.



For conducting gases from the sampling point to the sample gas conditioning system, it is better to use flexible hoses that are heated in order to maintain the gas temperature and avoid condensation.

Description

The gas-conducting hose (with a replaceable PTFE lining) is wrapped in a water-proof heating wire, thermally insulated, and sheathed in an exterior polyamide mesh. The temperature sensor (Pt100) is located under the heating wire.

One end of the heated sample gas line is covered by a hard, glass-fibre-reinforced plastic cap, and the other end is terminated by a PG36 screw connection for firm attachment to a sample gas conditioning system or an analysis cabinet. The mains line and the temperature sensor are located on the end with the PG36 screw connection.

The temperature is controlled by means of an external temperature control that can also be built into a sampled-gas conditioning system.

ADVANTAGES

- ☑ Avoid condensation
- ☑ Replaceable PTFE core
- ☑ Moisture-protected, thermally insulated and surrounded by polyamide heat conductors

PERFORMANCE PROFILE GO-H 300 A

Nominal temperature	200 °C (other options on request)
Hose base	PTFE
Lining	DN 04 or DN 06
Gas connection	Lining protrudes 100 mm
Heating wire	Construction according to DIN, water proof with sheathing mesh to 250 °C
Temperature sensor	Pt100
Max. Length	50 m
Power consumption	approx. 100 Watt/Meter
Cable	3 m, 7-pol. round plug connector
Power supply	230 V, 50 Hz
Mark of conformity	SEV TP 20 B/3 A. 1982



OPTIONS

- ☐ Power supply line for heated gas sampler
- ☐ Sample gas hose lining DN 02
- ☐ Sheathing mesh made of steel or VA, corrugated hose made of PA or VA
- ☐ HTI temperature control



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