

Heated Interface

In analytical systems, maintaining a stable temperature between sampling points, stream selectors, and instruments is essential to prevent condensation and ensure sample integrity. Our heated interface is designed specifically to create a controlled thermal zone that eliminates cold spots and preserves analyte composition during transfer.

Key Specifications

- Length options: available in 1,2 or 3 m lengths
- Temperature sensor: integrated thermocouple (TC) sensor for precise temperature monitoring
- Control Compatibility:
 - using existing temperature controllers with thermocouple input (no controller supplied)
 - using existing temperature controller with PT100 input using optional PT100- TC adapter board (no controller supplied)
 - optional external panel-mounted controller
- Internal tube dimensions: internal tubing size: 1/8" or 1/16", Sulfinert treated
- Suitable for fluid or gas transfer with minimal thermal loss
- Heating characteristics: homogeneously heated along the entire length; ensures uniform temperature across the interface
- Maximum operating temperature: rated for up to 250 °C continuous operation
- Flexibility: flexible design for easy routing and integration (depending on OD internal tubing); ideal for lab, process, or mobile setups
- Applications: suited for analytical instrumentation, sampling lines or other temperature-sensitive transfer applications



Figure 1
GAS Heated interface

Ordering information: AT123 - YZ (example: AT110-12 = Heated Interface, 1/16", 250 C° 230V, 1m, controlled by GC)

tubing	code 2	power	code 3	length (m)	code Y	controller	code Z
1/16" OD 0,03" ID sulf tubing	1	standard 250 C° 230 V	0	1	1	stand alone controller	1
1/8" OD 0,85" ID sulf tubing	2	standard 250 C° 115 V	1	2	2	by GC (1 free AuxT slot needed)	2
1/8" PTFE tubing	3	standard 350 C° 230 V	2	3	3	no controller	3
		standard 350 C° 115 V	3				

About GAS

Global Analyser Solutions provides GC & GC-MS solutions for Energy, Refinery, Chemical and Environmental markets. Our analysers address a broad spectrum of measuring requirements with high precision and reliability. Please reach out for more information on our website.