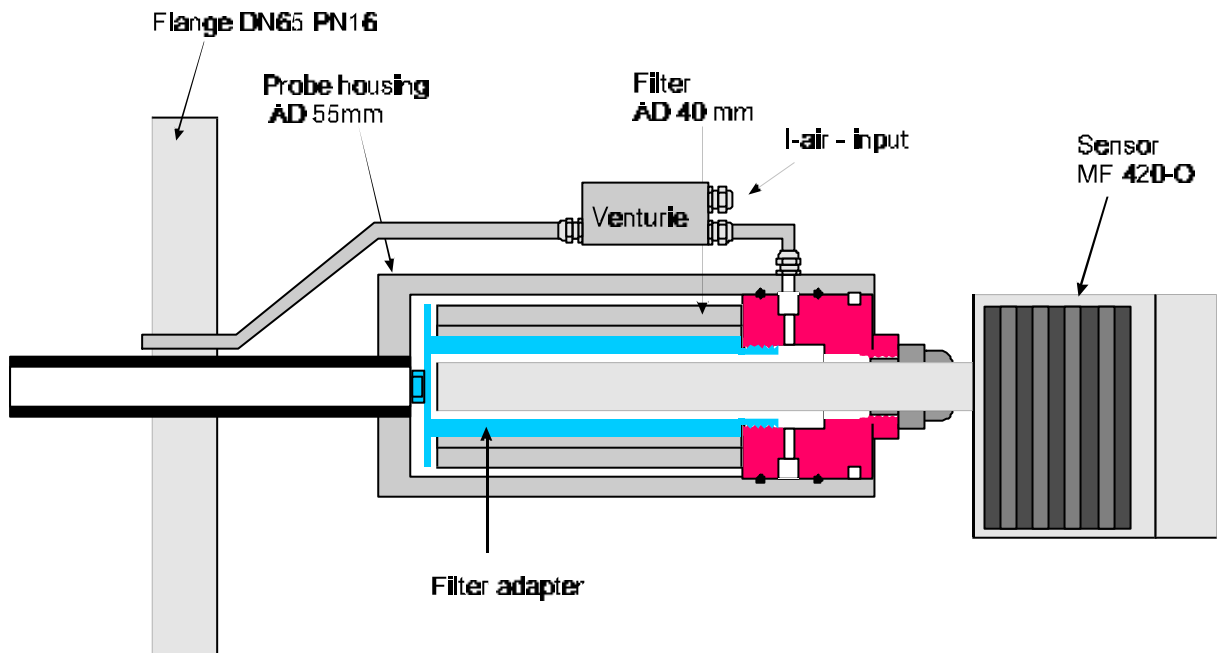




Probe GS-L

to measure oxygen of sample temperature to 1600°C

The probe GS-L is designed for the Sensor MF 420-O for sample temperature to 1600 °C. A Injector bring the sample over a filter to the Sensor and back in the process. For Injector protection is a additional filter located.



Technical data	
Sample temperature:	max. 1300°C or max. 1600°C *
Sample probe length:	500 mm, 1000 mm, 1500 mm *
Filter element:	porosity 2 μ
Material:	1.4571, Ceramic

* Please state with order

The selection of the instrumental air pressure is depends on the process pressure.

Technical data of the injector

pressure	flow	air requirement	vacuum %
			0 % = 1065 mbar /abs
1 bar	ca. 2 l / min	ca. 5 l / min	ca. 5 % (ca. 1010 mbar)
2 bar	ca. 5 l / min	ca. 7 l / min	ca. 15 % (ca. 900 mbar)
3 bar	ca. 6 l / min	ca. 9 l / min	ca. 25 % (ca. 800 mbar)
4 bar	ca. 6 l / min	ca. 11 l / min	ca. 40 % (ca. 640 mbar)
5 bar	ca. 6 l / min	ca. 13 l / min	ca. 60 % (ca. 430 mbar)
6 bar	ca. 6 l / min	ca. 15 l / min	ca. 80 % (ca. 213 mbar)

Ordering code: e.g. GS-L-1300-500

Sample temperature

Sample probe length

