

Pre-filter for Inert Gas Oxygen Analyzing System



Removes Soot and Contaminations



Perfecting Sensible Technology

The pre-filter is used to protect the G3500, G3600, or the G3601 Inert Gas Oxygen Analyzing (IGOA) System from sample gas impurities by removing soot and other contaminations.

When the sample gas is extracted from the inert gas supply line, the gas enters the IGOA System through a sample manifold and is transferred through the system. The system is already equipped with a small filter element that is installed right above the bubble glass.

This filter element is installed to protect the sensor from contaminations. However, if the sample gas is heavily contaminated with particles, a pre-filter can be added in order to remove soot and other contaminations. The pre-filter protects the entire system and not only the

sensor from soot clogging. It also spares the small filter element from a large portion of the contaminations.

If a heavily contaminated sample gas enters the system, soot and other particles might get stuck in the piping or in the selector valve. This will affect the readings and will often result in more maintenance.

Specifications

Inlet and outlet ports	1/4" NPT
Maximum temperature	66°C
Maximum pressure	8.6 bar
Filter retention	25 µm
Weight	0.5 kg.
Dimensions	70 x 160 mm



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