

G7290

# Multiplexer

## Enhancing the capacity of the Multi Gas Monitoring System

### Effortless monitoring with enhanced capacity

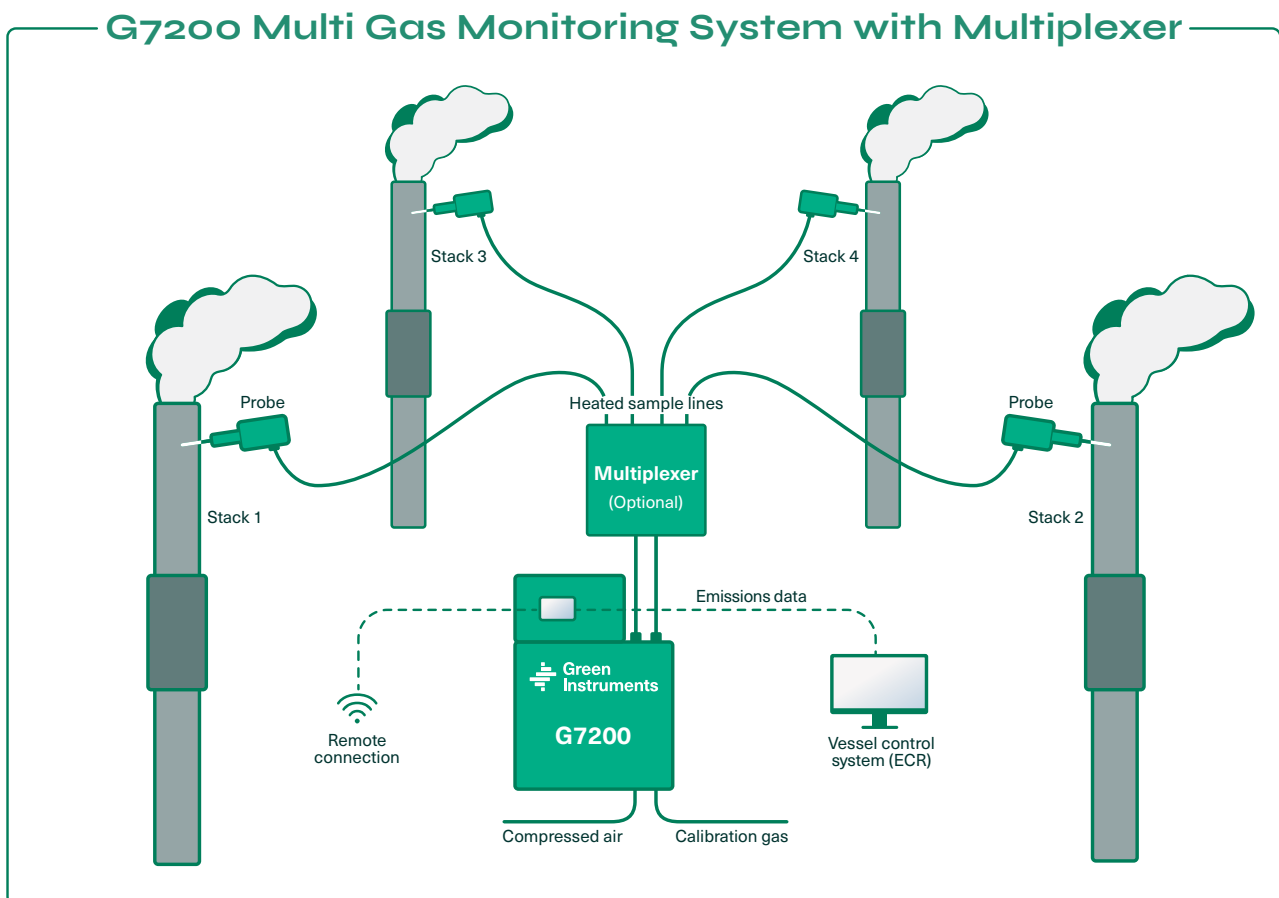
The G7290 Multiplexer doubles the capacity of the G7200 Multi Gas Monitoring System, distributing extracts from up to four sample points with balanced sampling frequency. This makes it an ideal solution for LNG carriers, LPG carriers and other vessels with multiple stacks.

### Simplified installation with optimized setup

With just one G7200 system and the cost-effective Multiplexer add-on, installation becomes significantly easier than using dual systems. The Multiplexer can be positioned closer to stacks, reducing the need for long heated hoses and complex installations.

### Lower maintenance and higher efficiency

Designed with an eye for cost-effectiveness, the Multiplexer has fewer components than two separate monitoring systems, minimizing maintenance requirements and operational complexity.



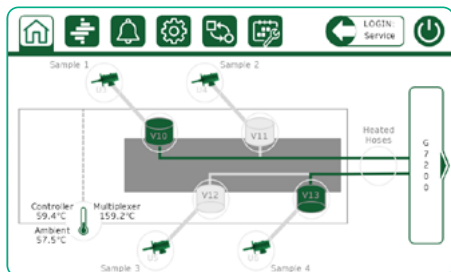
*Adding the Multiplexer allows the system to sample up to four points.*

# Specifications – G7290 Multiplexer

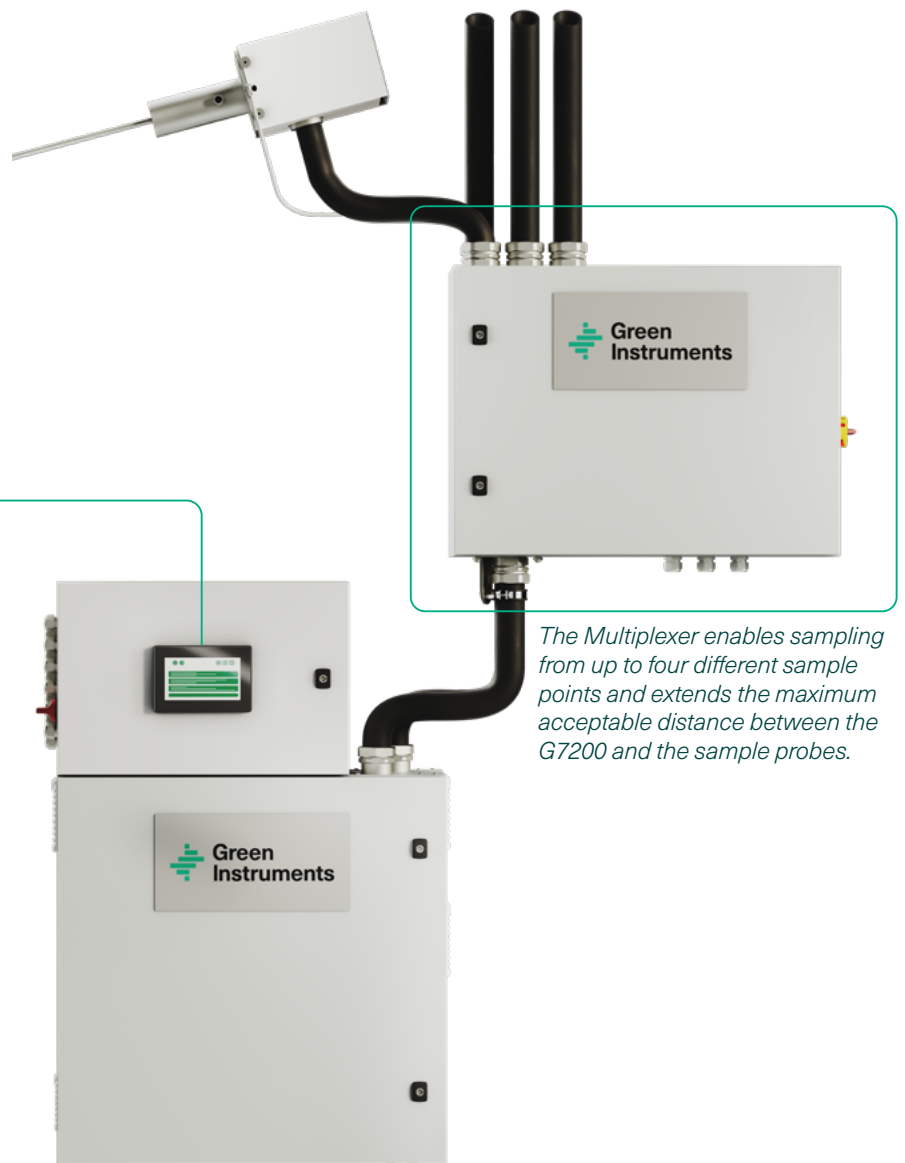
## MULTIPLEXER MODULE

Function	Expanding the G7200 MGMS to sample and measure from up to 4 sample points
Measurement frequency	> 0,0035Hz – 285 sek (with 4 sample points)
Equipment including	Multiplexer block with valves, solenoids, heaters and PLC. Interface to heated sample lines
Dimensions/Weight	600 x 800 x 300 mm (H x W x D) Approx. 65 kg
Material/Enclosure Class	Painted mild steel RAL 7035, IP54

Power Supply	230 VAC – 50/60 Hz
Power Consumption	Max 40 A depending on system configuration
Ambient temperature	Class A From 5°C to 55 °C
Humidity	RH up to 96% at all relevant temperatures
Vibration	Class A
EMC	Class A



The operational status of the Multiplexer is displayed and controlled via the G7200 HMI.



The Multiplexer enables sampling from up to four different sample points and extends the maximum acceptable distance between the G7200 and the sample probes.

