



SGI 210

Sarvesh Analytics brings the most simplified extractive Sampling System in the most compact form. It includes all the components required to give a safe and conditioned sample for your Gas Analyser.

Complete Sampling System

Compact 19" System

Dual Channel Cooler with High
Discharge Peristaltic Pump

Sample Filter with Condensate Sensor

Sample Pump with Flow Control Valve

Calibration Solenoid Valve

Optional

Heated Sample Probe with Blowback

Heated Hose (50 mtrs) with

Temperature Controller

Salient Features

PLUG and PLAY

Microprocessor based Electronics

Sample Pump is ON only when

- Sample temperature $<12^{\circ}\text{C}$
- Sample is dry without Condensate

Timer Based Blowback

Specifications

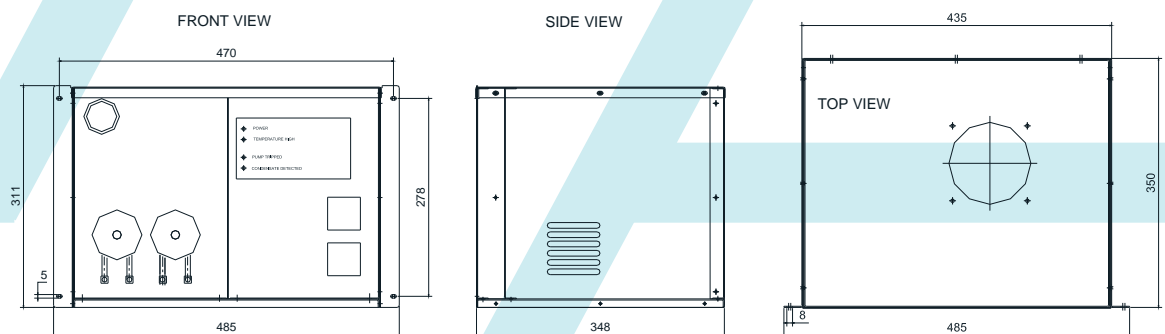
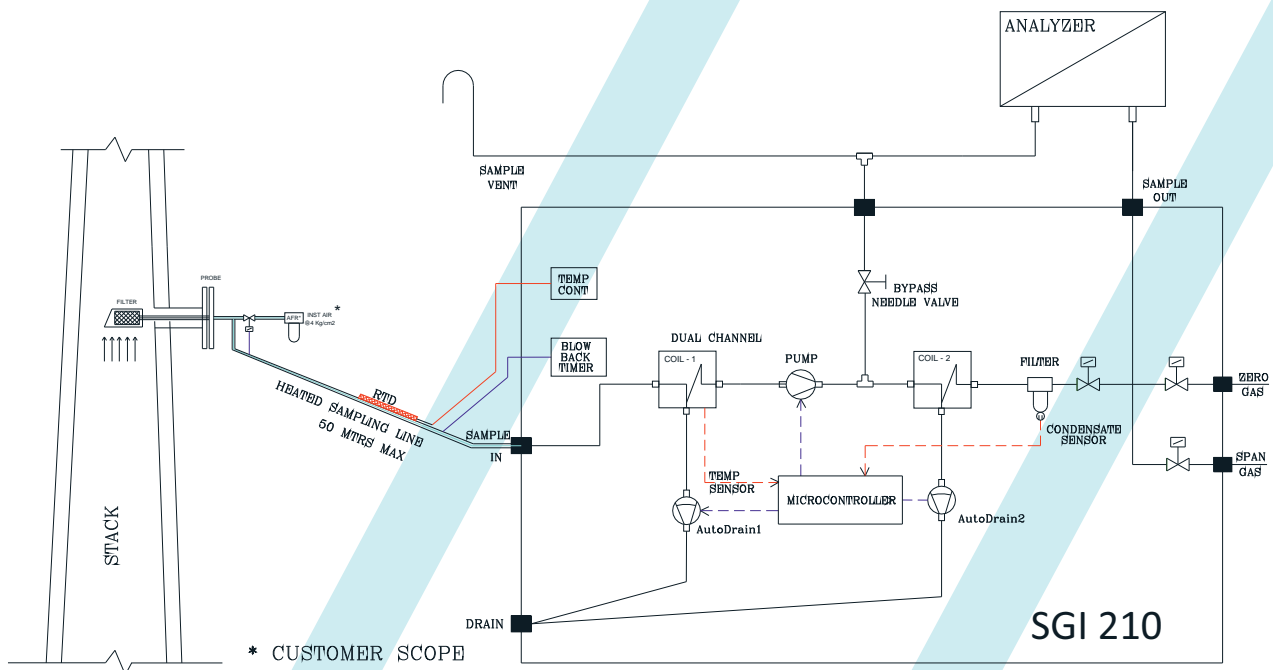
Cooler Specifications	
Heat Exchangers	2 No.s
Sample Inlet Temperature	Max 140 ° C
Maximum Sample Dewpoint	65 ° C
Maximum Sample Flow	240 LPH (4 LPM)
Sample Outlet Temperature	5 ° C
Autodrain	2 x Peristaltic Pump

Sample Filter	0.1 Micron GMF, Coalescing
Condensate Detector	Gold Plated Conductivity Sensor
Sample Pump	Free Flow - 4LPM with Fast Loop valve
Sample Connection	Inlet / Outlet / Drain - 1/4" OD
Calibration Valves	3 x Solenoid Valve, 230V AC

Controls	Microprocessor Based Electronics
Input	3 wire RTD from the Heated Hose
SSR output	for Heater of Heated Hose rated @ 230V ac 50 Hz, 20A Max
Relay Output	For Blowback Solenoid Valve
Fault Alarm	Potential Free Relay rated @ 230 VAC 50 Hz, 1A
Power Supply	230 V AC, 50 Hz, 600 VA (excluding Heat Tracer)

Suitable for

Sox, NOx , CO	< 1000 PPM
Dust Level	< 10 gm/Nm3
Gas Velocity	between 5 - 20 m/sec
Sample Distance	maximum 60 mtrs



Notes:

- The final responsibility to check whether this product meets the requirement of the Process and / or Analyser remains solely with the customer.
- We have a policy of constant product improvement and therefore reserves the right to change specifications without prior notice.