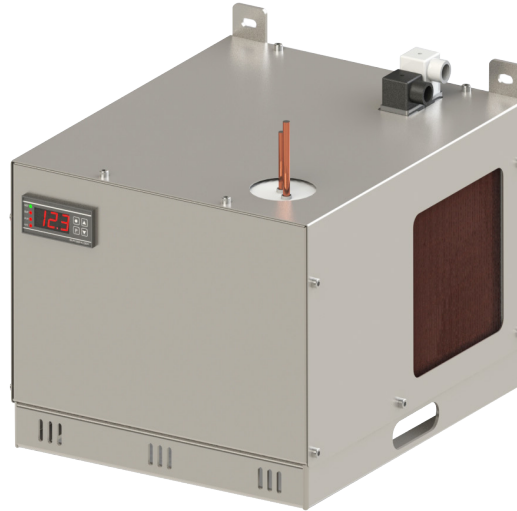


# Sample Gas Cooler - E

## SGCE



SGCE

### FEATURES

- » Easy Installation
- » Suitable for Ambient up to 50°C
- » Operating Pressure 1.5 bar
- » Cooling Capacity 320 KJ
- » Flow Rate 550 LPH

### ADVANTAGES

- » Ease of Maintenance
- » Optional Alarm Contacts
- » Single & Dual Path
- » Average Dew Point Stability
- » Housing options available
- » Mounting options available in the same housing

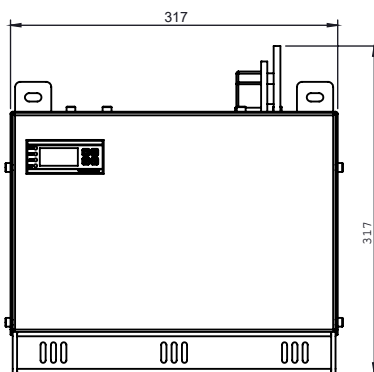
### DESCRIPTION

The Reliable & Long term operation of an Analyzer depends upon the efficiency of the Sample conditioning system for which a stable dew point of the sample is essential.

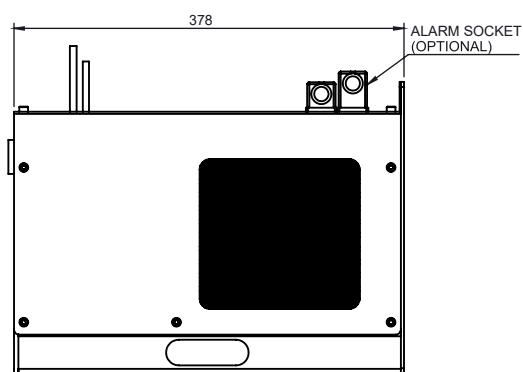
Axis Sample Gas Cooler is a compressor cooler equipped with efficient heat exchangers to provide stable dew point to the sample thereby ensuring security with precise performance of the Analyzer.

The Single and Dual paths so that two different streams can be catered. A very compact housing design ensures the best placement of other components with saving costs. Insulation at top of the heat exchanger effectively isolates the ambient effect.

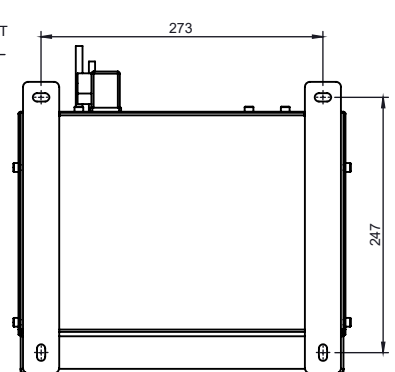
### SGCE DIMENSION DETAILS



FRONT VIEW



SIDE VIEW



BACK VIEW

All Dimension are in MM

**TECHNICAL SPECIFICATION**

<b>General</b>	Type	Refrigeration	
	Mounting	Wall / Base Mounting	
	Sample	Gas	
	Weight	Approx. 19Kg	
<b>Material</b>	Housing	MS CRCA, SS 304 & SS 316 (on request)	
	Cooling Coil	Copper	
	Heat Exchanger	SS 316	
	Finish	Powder-coated RAL 7035 for MS / Buff finish for SS 304	
<b>Connections</b>	Sample Gas Inlet	1/4" Tube	
	Sample Gas Outlet	1/4" Tube	
	Condensate Outlet	3/8" Tube	
<b>Electrical</b>	Power Supply	230 or 115 VAC, 50 Hz	
	Alarm Contact (Optional)	Max. 230 V, 5A (Resistive Load)	
	Power Consumption	Approx. 460VA	
<b>Functionality</b>	Sample Gas Flow	550 LPH (Max.)	
	Sample Outlet Temp.	Approx. 5°C (+/- 1°C)	
	Operating Pressure	1.5 bar for heat exchanger	
	Cooling Capacity	320 kJ	
	Warm Up Time	40-45 min. (Max.)	
	Ambient Temperature	+5°C to +50°C	
<b>Heat Exchanger (Inbuilt)</b>		<b>SC</b>	<b>DC</b>
	Flow Rate (Max.)	550LPH	2 x 225 LPH
	Dead Volume	67 ml	30 ml x 2
	Pressure drop	< 0.1 bar	< 0.1 bar

**ORDERING INFORMATION**

<b>SGCE</b>				
	<b>Power Supply</b>			
	0		115 VAC, 50 Hz	
	1		230 VAC, 50 Hz	
	<b>Housing Material</b>			
	0		MS CRCA Powder Coated	
	1		SS 304	
	2		SS 316	
	<b>Heat Exchanger (Inbuilt)</b>			
	1		SC, Single Coil SS	
	2		DC, Dual Coil SS	
	<b>Alarm Option</b>			
	0		Without	
	1		With	