

Condensate Separator CS1



FEATURES

- » Economical
- » Compact construction
- » Low maintenance
- » Easy for installation via clamp
- » Used in Analyser Gas conditioning

ADVANTAGES

- » Safe condensate removal
- » High reliability
- » Used for high condensate content
- » Available in 2 different materials

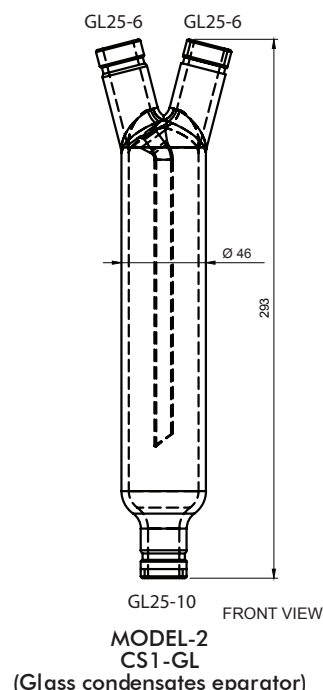
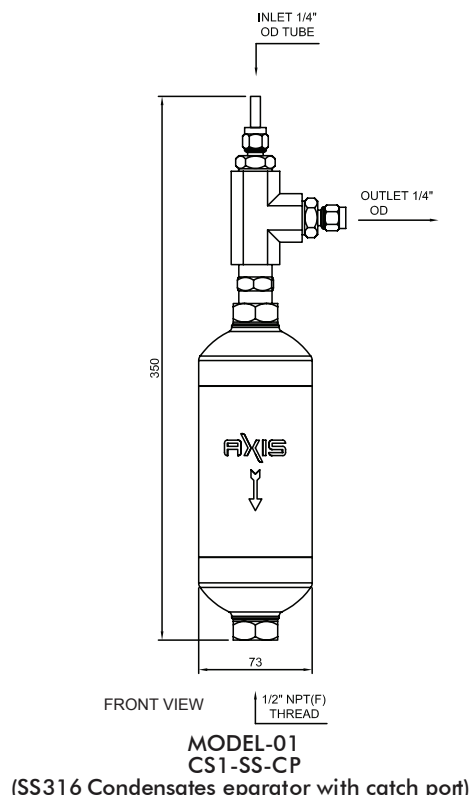
DESCRIPTION

Reliable & long term operation of any process analyser depends upon the efficiency of the sample conditioning system for which dust, solid particulate & moisture free sample gas is must essential. Where condensate separation and removal from the sample is major problem for analyses of gas, Axis CS1 with manual and auto condensate drain option is the best solutions.

Main application of this product is separation of condensation from the downstream sample gas system. Sometimes sample gas having very high condensate contents so it is must to remove at the beginning of the sample gas conditioning system for safe operation.

AXIS have 2 different versions of model, one with Stainless Steel and second with Glass. Where high pressure occurs in system then Stainless Steel version is suitable or where low pressure occurs in system then Glass version is suitable.

DIMENSION DETAILS



All Dimension are in MM

TECHNICAL SPECIFICATION

		Model 1 (CS1-SS-CP)	Model 2 (CS1-GL)
General	Mounting	Wall Mounting type with exclusively vertical position	
	Dimension	Refer dimension detail	
	Sample	Flue Gas or Stack Gas	
	Material	SS316	Glass
	Weight	Approximate 2.5 Kg	Approximate 1.0 Kg
Connection	Sample Inlet & Outlet	1/4" OD Tube & 1/4" OD	GL25- 6
	Condensate Drain	1/2" NPT (F)	GL 25 - 10
Functionality	Media Temperature	Max. 180°C	Max. 120°C
	Ambient Temperature	0°C – 60°C	0°C – 47°C
	Pressure	4 – 6 kg/cm ²	< 2 kg/cm ²
	Condensate Drain	Recommendation :- Manual with SS Ball Valve & Auto with Peristaltic Pump	

SPARE / ACCESSORIES

Description	Part No.	Qty.
SS316 Condensate Separator with Catch port	CS1-SS-CP	1 No.
Glass condensate separator	CS1-GL	1 No.
Male connector, 1/4" OD	ASPL 0111	1 No.
SS Ball Valve, 1/2" NPT (F)	ASPL 2046	1 No.
1/2" NPT (M) Nipple	ASPL 0718	1 No.
Sealing for GL25 – 6	ASPL 5356	1 set
Sealing for GL25 – 10	ASPL 5357	1 No.
End cover – GL25 – 6	ASPL 5358	1 set
End cover – GL25 – 10	ASPL 5359	1 No.

APPLICATION DIAGRAM

