

Condensate Separator

CS1



CS1-SS



FEATURES

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

ADVANTAGES

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

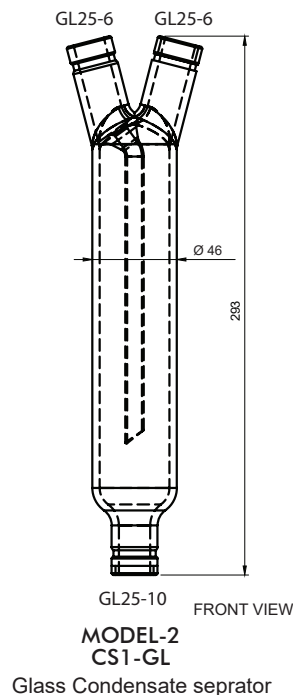
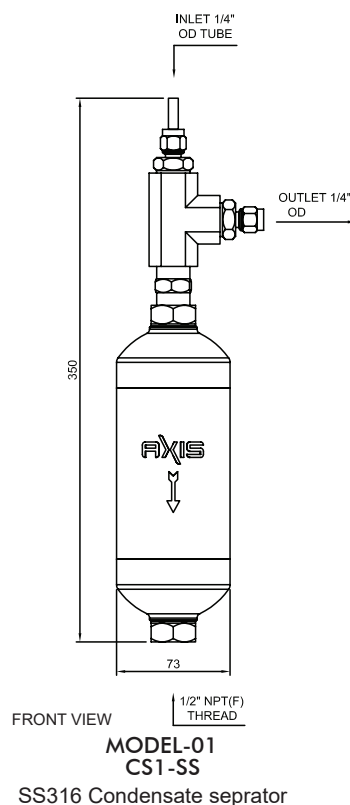
DESCRIPTION

The Reliable & long-term operation of any process analyzer depends upon the efficiency of the sample conditioning system for which dust, solid particulate & moisture-free sample gas is most essential. Where condensate separation and removal from the sample is a major problem for analyses of gas, Axis CS1 with manual and auto condensate drain options is the best solution.

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

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

DIMENSION DETAILS



TECHNICAL SPECIFICATION

		Model 1	Model 2
		(CS1-SS)	(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	

APPLICATION DIAGRAM

