

Aerosol Filter

AF1



AF1

FEATURES

- » Economical
- » Light in weight
- » No maintenance
- » Easy for installation

ADVANTAGES

- » Secure protection against condensate & dust
- » Less process drop
- » Highly reliable in continuous operation
- » Corrosive resistive material

DESCRIPTION

The reliable and long-term operation of any process analyzer depends upon the efficiency of the sample conditioning system for which dust, Solid particulate, and moisture-free sample gas is most essential.

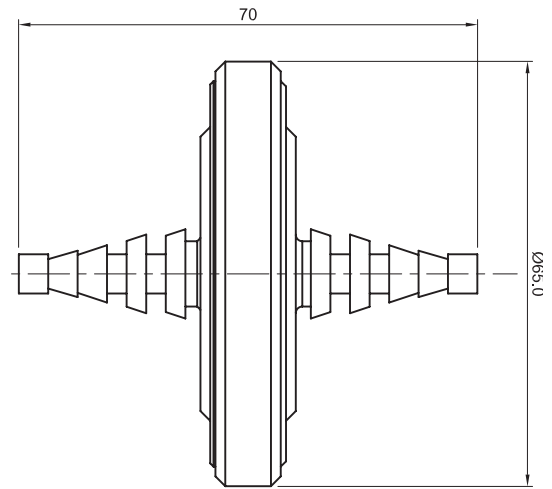
Axis AF1 is equipped with an efficient filter to provide dust, solid particulate, and moisture-free sample gas by ensuring the security of the analyzer. It is not a reusable filter. When it is exhausted with severe contamination outlet of the filter will be very less or negligible means no flow at the outlet. If this condition occurs that means it is time to replace Aerosol filter with new one.

It is widely used in Gas Analysis Systems (GAS), wastewater incineration plants, biogases plants, ambient monitoring systems, and Cement, Glass, Steel as well as paper industries. It is not recommended to use Aerosol filter for aromatic hydrocarbons means oils and fuels in refinery process gases.

TECHNICAL SPECIFICATION

General	Mounting	Horizontal or Vertical
	Sample	Flue Gas / Stack Gas
	Material	PTFE
	Weight	Approx. 30 gm
Connections	Sample Gas Inlet & Outlet	6 mm stepped house
Functionality	Media temperature	Up to 80°C
	Ambient Temperature	0°C - 50°C
	Pressure	Max. 2 Bar
	Flow Rate	Max. 400 LPH
	Filtration ratio	< 0.2 µm

DIMENSION DETAILS



FRONT VIEW

All Dimension are in MM

APPLICATION EXAMPLE

TYPICAL APPLICATION OF AF1 FOR EMISSIONING AND MONITORING SYSTEM

