



Air Sampler Spare Parts

Air Sampler Component Parts

Air Samplers

Air Samplers come in a variety of versions with a large number of permutations.

This data sheet describes the various parts that make up the complete assembly and allows you to choose the spare part appropriate to your installation.

The basic parts consist of a perforated head that allows air to be drawn in over the sample plate and a body (base) that incorporates the motorised impeller that draws the air in.

The base is available in two mounting versions: a pedestal base for free standing locations or a Tri-Clamp base for integration within machines. The pedestal base uses a Lemo style connector for quick connection/disconnection, while the Tri-Clamp base has an integral cable.

A pre-formed cable assembly is available for the pedestal base, while the Tri-Clamp base generally requires a custom cable to be completed on-site.

The head and base types must be matched and are available in two types: standard screw head and bayonet head for easier removal.

A protective cover is also available which is suitable for both screw and bayonet heads.

It should be noted that the flow rate itself is determined by the associated VF8023 Air Sampler controller, not the Air Sampler components.



Air Sampler Components

- Materials: Head and base are machined from 304 Stainless Steel

Ordering Information (all are suitable only for 90mm Petri dish)

Complete assemblies (head and base):

- **AH8190-1XB** Air Sampler with pedestal base and bayonet head
- **AH8190-1XS** Air Sampler with pedestal base and screw head
- **AH8290-1XB** Air Sampler with Tri-clover clamp and bayonet head
- **AH8290-1XS** Air Sampler with Tri-clover clamp and screw head

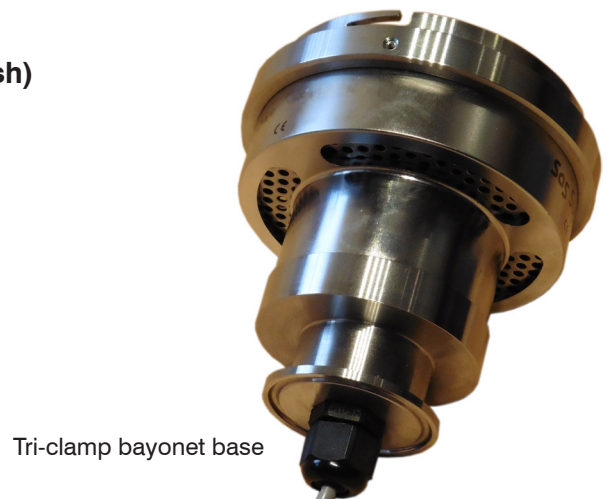
Component parts:

- **SH8390-1XB** Bayonet fitting sample **head** suitable for either base
- **SH8390-1XS** Screw fitting sample **head** suitable for either base
- **AS8190-1XB** Pedestal **base**, suitable for bayonet head
- **AS8190-1XS** Pedestal **base**, suitable for screw head
- **AS8290-1XB** Tri-clover clamp **base**, suitable for bayonet head
- **AS8290-1XS** Tri-clover clamp **base**, suitable for screw head

- **AC8490** Plastic **cover** suitable for bayonet and screw head

- **VF8023** Air Sampler Controller Module for all air samplers (uncalibrated)

Note: The VF8023 controller module must be field calibrated with the specific head it is paired with.



Tri-clamp bayonet base



Bayonet head



Pedestal bayonet base



Screw head



Pedestal screw base



Cable assembly for pedestal base



Plastic cover

