

CLEANING AND DISINFECTION OF SAS AIR SAMPLERS

Disinfection of air samplers

The external surface of the SAS air sampler should be cleaned with a disinfectant solution (for example quaternary ammonium salt) or IPA solution 70%.

Spray the solution directly on the air sampler, then clean with a sterile wipe; alternatively, it is possible to spray the solution on a sterile wipe and then clean up the instrument.

It is important to remove all disinfectant residues before using the air sampler.

The engine can be also disinfected: spray the IPA solution on the upper part of the engine head during operation for a couple of seconds, then leave the air sampler working until 500 air liters have been sampled. Repeat this procedure at least two more times.

Sterilization of the head

Stainless steel or aluminum heads can be autoclaved for 15-20 minutes at 121 °C.

Please consider that it is mandatory to put heads in paper/plastic sterilization bags for autoclaving. It is recommended to use autoclaves with a vacuum pump.

If the holes of the head are blocked, it is recommended to clean them up with a needle or with an ultrasonic bath.

It is recommended to cover the head with the supplied plastic lid when the instrument is not operational

