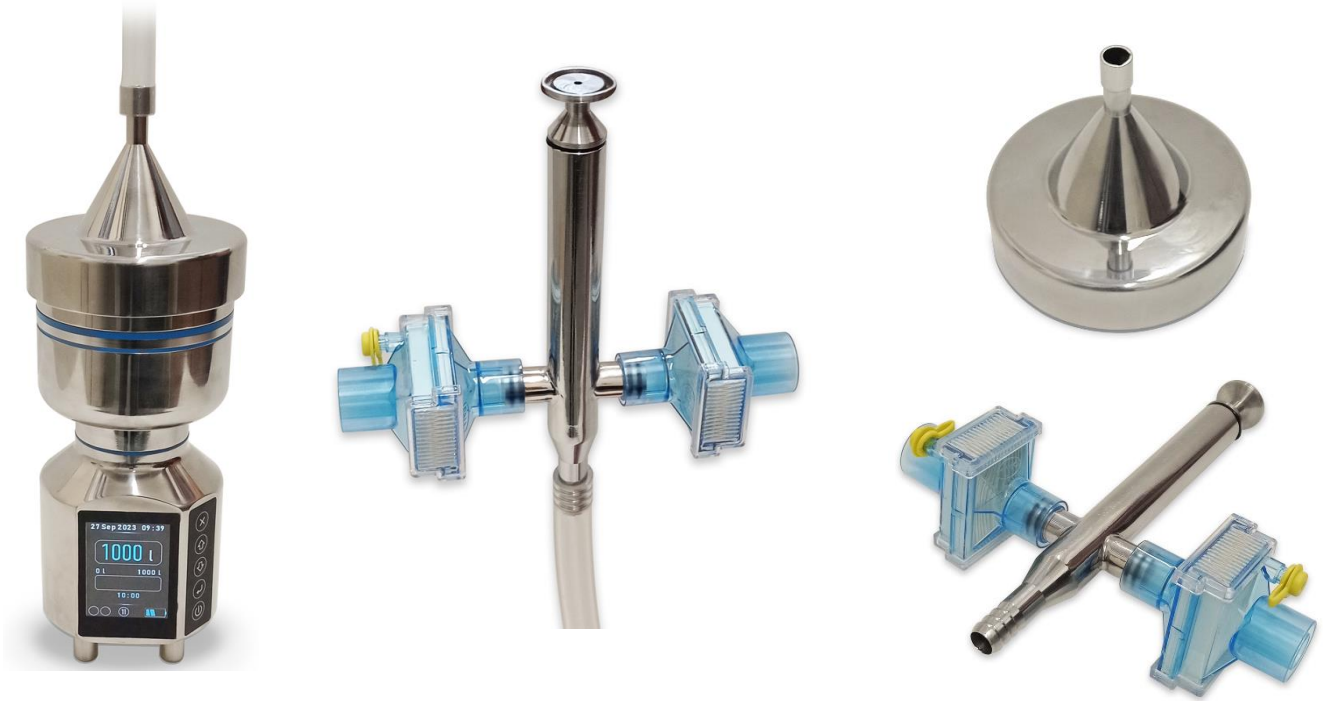


Hyclas Compressed Gas Diffuser



Description

The Hyclas High Pressure Diffuser is used when sampling high pressure gases with Hyclas microbial air samplers. Applying compressed air or gases directly to a microbial sampler may cause damage to the instrument.

The Hyclas works by regulating the flow rate with an external port to provide a path for the excess pressure. This allows the instrument to “pull in” and regulate the flow.

The low pressure end of the diffuser has an outlet fitting. This allow 3/8” tubing to be connected between the diffuser and the air sampler

The Pressure diffuser has two pressure relief HEPA filtered

Reliability

The Hyclas high pressure diffuser is engineered and manufactured with only highest quality stainless stell 316 grade. This ensures a long product life-cycle

Maintenance

The Hyclas has no moving parts, and does not require any calibration. Over time it is possible that particles may build up on surfaces within the diffuser, and require cleaning.

Technical Specification

Maximum working pressure	10bar
Conformity	ISO 8573-4
Flow range	100 lpm
Gases	Compressed air and Nitrogen
Outlet tubing connection	3/8”
Inlet Tubing	½” Triclamp connection
Pressure relieves	HEPA Filtered
Construction Material	Electropolished Stainless Steel 316L grade