

# Microbial Air Sampler

# Delta MAS

Microorganisms that cause infections in healthcare facilities include bacteria, fungi and viruses and are commonly found in the patient's own endogenous flora, but can also originate from health care personnel and from environmental sources.

Most recent regulations are encouraging the use of continuous viable air monitoring in critical areas.

Through air sampling, it is possible to evaluate microbial contamination in environments at high risk of infection.



### FEATURES

- > Intuitive user interface;
- > HEPA filter;
- > Remote connection;
- > Autoclavable with a sanitizable enclosure;

### APPLICATIONS

- > Aseptic viable particle environment monitoring (hospitals, clean rooms);
- > Remote Isolator sampling;
- > Pharmaceutical validation.

### BENEFITS

- > Easy to use and disassemble;
- > Color touch screen;
- > ISO 14698-1 compliant;
- > Data logging to USB flash drive;
- > Autoclavable;
- > Internal battery 72 hours normal use;
- > Portable sampler;
- > No risk of environmental contamination from air exhaust;
- > Optimal recovery of microorganisms – reduced false negative risk;
- > Remote sampling automation eliminates operator errors from incorrect sampling procedures and manual data recording;
- > Wipedownable and suitable for sterile conditions;





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### THE SAMPLER

Delta **Microbial Air Sampler (MAS)** of TCR TECORA® has a number of features that makes it ideal for use in sealed compartments, research, clean rooms, aseptic environments, pharmaceutical validation and inside the hospitals.

**Delta MAS** is an active sampling method that is superior to the usage of settle plates, that additionally creates validated and actionable data.

Capable of using 90mm Petri dishes up to 3 (220-400 head versions, steel or aluminum heads) and contact plates (55 mm) different soils; gelatin filters, readily available with a variety of holders.

**Microbial Air Sampler** helps minimize microbial false positives in monitored clean areas by reducing contamination from the handling of agar settle plates, resulting in a decrease in investigations and an increase in productivity.

**Delta MAS** achieves sampling with minimal air disruption and can be used to sample efficiently with a flowrate 100-200 L/min to suit both routine monitoring and fast sampling needs.



| Product Description | Code                   |
|---------------------|------------------------|
| Delta MAS           | <b>AC99-004-2000SP</b> |

Method according to EN / ISO 14698-1:2003 is ideally suited for aseptic environments as part of a facility monitoring system simplifies the job of microbial air sampling by applying modern data management capabilities that save time and reduce operator error in air sampling data.

Because the **Microbial Air Sampler** is software automated, you don't have to gown up to control it.

The pump won't contaminate your environment, so you can set it up to monitor particles and microbials in the same location—and then forget about it.

It's also easy to clean.

Antibacterial housing reduces cross contamination from monitoring activities.

Advanced external materials and touchscreen design decrease bacterial deposits and biofilm formation by >95%.

All components of **Delta MAS** are entirely autoclavable.

You will find these components easily removed and installed on the chemically compatible and sanitizable stainless steel enclosure of the instrument.

