



Multi Sampling System for automated switching between 8 sampling ports

## Description

The Multi Sampling System MSS 08 enables connection of a central measuring devices (e.g. [UF-CPC<sup>1</sup>](#) or [ENVI-CPC<sup>2</sup>](#)) up to eight different sampling ports and easy switching between them. This can be useful e.g. for nanoparticle concentration monitoring in different rooms or along a process with a single measuring device. The operation is based on a multiposition valve and selection of a sampling port can be done via an integrated graphical user interface on the measurement device itself or directly via a remote control on the MSS 08. It is either possible to directly selected a specific sampling port or to use the auto-switching mode with sequential series of the different sampling ports. Timing and delay time can be free adjusted by the user. Included in the scope of delivery is an extra software for monitoring the concentration of all sampling ports and display them on an external monitor or panel, which are connected to the measurement device via (company-)network. *Additional monitoring screens can be ordered separately.*

<sup>1</sup>condensation particle counter UF-CPC: <https://www.palas.de/en/en/product/ufcpc>

<sup>2</sup>condensation particle counter ENVI-CPC: <https://www.palas.de/en/en/product/envicpc>

## Benefits

- Automatic change between 8 measuring positions
- Reduces acquisition and operating costs

## Datasheet

<i>Parameter</i>	<i>Description</i>
<b>Volume flow</b>	0 - 10 l/min
<b>Power supply</b>	115 - 230 V, 50 - 60 Hz
<b>Response time</b>	3 s (for change of position)
<b>Aerosol inlet connection</b>	8 mm

## Applications

- Air quality surveillance in different rooms
- Process monitoring on multiple positions

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