MSS 08



The Muti Sampling System MSS 08 enables the connection of central measuring devices (e.g., UF-CPC[1] or ENVI-CPC[2]) 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.

OPERATION PRINCIPLE

MULTI SAMPLING SYSTEM FOR AUTOMATED SWITCHING BETWEEN 8 SAMPLING PORTS

The operation is based on a multiposition valve, and a sampling port can be selected via an integrated graphical user interface on the measurement device itself or directly via remote control on the MSS 08. It is possible to directly select a specific sampling port or use the auto-switching mode with sequential series of the different sampling ports. The user can freely adjust timing and delay time.

Included in the scope of delivery is extra software for monitoring the concentration of all sampling ports and displaying them on an external monitor or panel, which are connected to the measurement device via (company-)network.

Additional monitoring screens can be ordered separately.

[1] condensation particle counter UF-CPC: https://www.palas.de/en//en/product/ufcpc
[2] 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

Volume flow	0 – 10 l/min
Power supply	115 – 230 V, 50/60 Hz
Response time	3 s (for change of position)
Aerosol inlet connection	8 mm

Applications

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

Mehr Informationen:
https://www.palas.de/en/product/mss08