





## Particulate Sampler MicroPNS HVS1

The MicroPNS particulate sampler guarantees an exact sampling in strict accordance with EN standards and can be employed in the area of emissions, immissions, testing for waste disposal sites, MAK value monitoring (maximum admissible concentration), as well as being applicable to many other industries and fields. The mechanical execution depends on the application. A variety of different sampling heads, in accordance to EN12341:2014 and others are available.

The system is available with, insulated outdoor housing, or as 19" Rack mount system for integration in existing monitoring stations.

MicroPNS HVS sampler for 19" rackmount version and sampling heads outside roof

### Technical data

|                     |   |
|---------------------|---|
| Sampling            | independent, microcomputer controlled sampling on particulate filters,<br>1 sampling filter , 8x10" or 150mm diameter ( please specify at order)  |
| Sampling control    | constant flow or constant volume  |
| Flow controll       | mass flow controlled, by differential pressure method   |
| Accuracy of flow    | < 1% FS   |
| Flow range          | up to 68m <sup>3</sup> /h   |
| Power supply        | 230V/50Hz   |
| Automatic Sequencer | unattended automatic operation; user enters time and date for beginning and stop, volume, and flow rate for each sampling event; If flow rate falls outside these limits, the sampling will stop and indicate that these sampling was not valid |
| Flow Limits         | The user can set flow limits as a range of percent difference from the expected value   |
| Data storage        | all data are stored in a non-volatile memory  |
| Mechanical          | 19" rack mounted or outdoor housing, painted steel  |
| Outputs             | RS 232, USB stick optional  |
| Dimensions          | 400x600x1800mm (LxWxH) without probe  |
| Weight              | approx. 50 kg outdoor<br>Approx 34 kg indoor  |