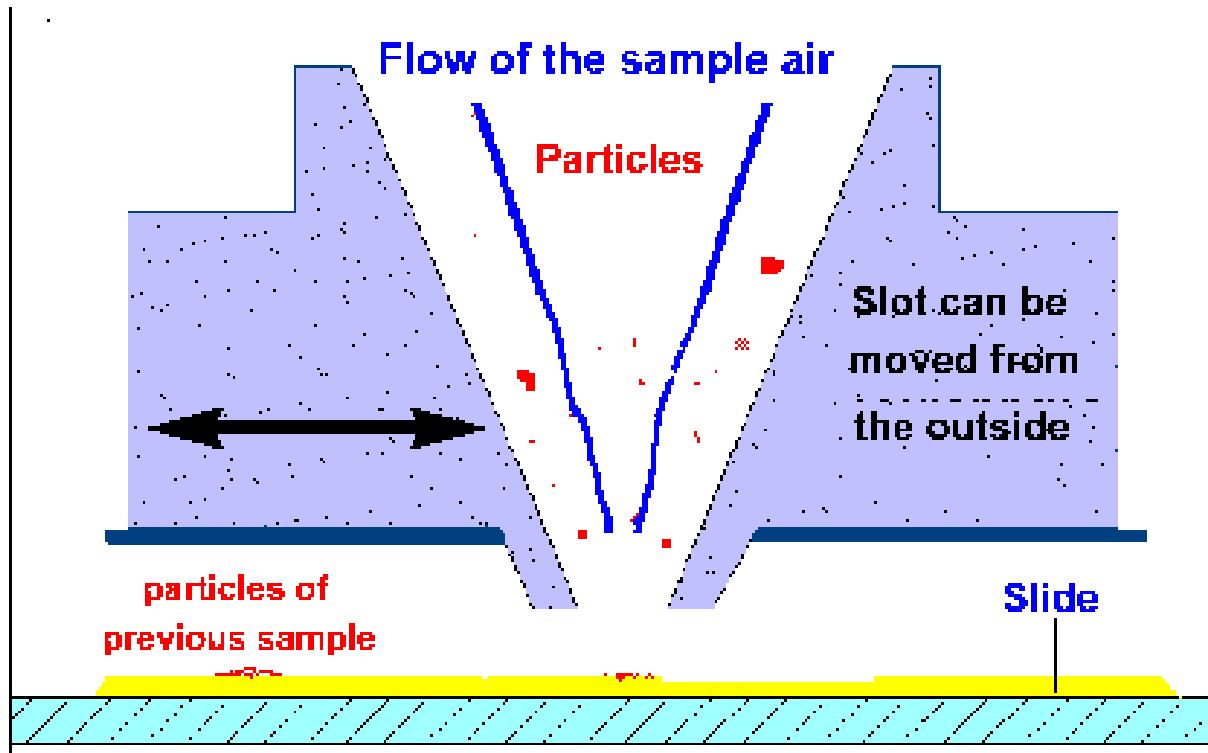


The functional principle of the PS 30:



The sampled air is drawn through a slot jet that can be adjusted to three set positions above the slide from the outside.

Because of the significantly accelerated velocity of the air flow at the slot the particles in the air sample are propelled to the coating of the slide and stick there. Analysis is done through colouring and microscopic examination.

An example of the PS 30 in use



Interior sample under the light microscope: Cluster of Cladosporium sp., scales, fibres.
(image: 1000fold magnification) Foto: Dr. Ingrid Dill, Berlin



Outdoors sample under the light microscope Cluster of Cladosporium sp.
(image: 1000fold magnification) Foto: Dr. Ingrid Dill, Berlin