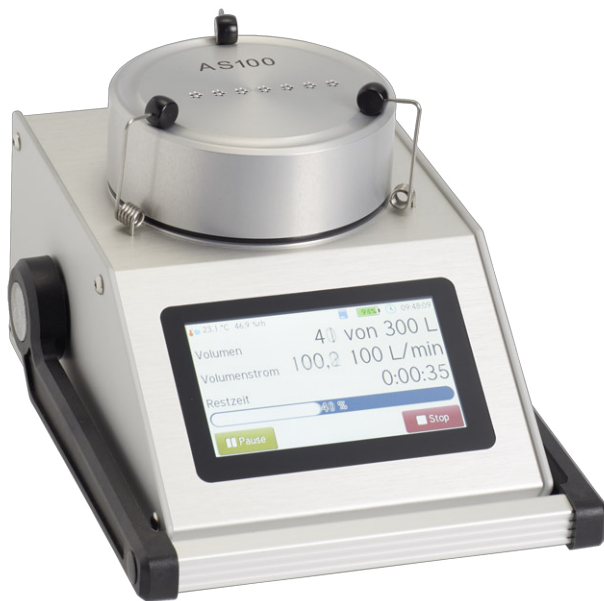


The allergen sampler **AS100**, operated with the tried and tested **MBASS30**, can quickly and conveniently take an efficient sample of antigenic and allergenic proteins in the air.



- The particles are deposited directly into the wells of a microplate strip
- Efficient detection as there is no need for extraction from the sampling medium
- Evaluation can take place straight after sampling using ELISA (using MELMix1 developed by BMA Labor GbR for molds) (MELMix1 covers *A. versicolor*, *A. penicillioides*, *P. chrysogenum*, *C. cladosporioides*)
- High detection sensitivity for fungal allergens in the air (using MELMix1: 2 ng/m³)
- Also suitable for other allergens/antigens (dependent on the sampling medium and ELISA method)
- Faults occurring during sampling are identified by a positive measurement signal in the control well

Technical data of the allergen sampler

Air flow	100 l/min
Sampling volume	2,000 liters
Number of nozzle sets	7 (1 well does not receive the sample)
Sampling medium	Microplate strips with 8 wells
Dimension AS100	109 mm x 35 mm (Dia. x H)
Dimension AS100 with MBASS30	180 mm x 160 mm x 255 mm (W x H x D)
Weight AS100	500 g
Weight AS100 with MBASS30v3	2860 g
Article No.	01-195 (Sampling head with strip holder)



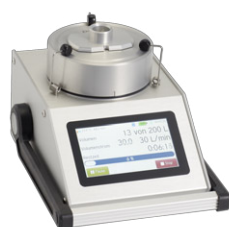
The sampling medium is a commercially available microplate strip with 8 wells (colored blue in the picture). The holder can also take the coated slide of the particle sampler **PS 30**.

The **AS100** allergen sampling head was developed together with BMA Labor GbR in Bochum (Germany) and validated by the measurement process.

MBASS30 can even more



Air sampling of cultivable particles with the air sampling modules **LKS100 / LKS 30**



Detecting of the overall spore total (cultivable and non-cultivable) in the air with **PS 30**



Air sampling on a sterile 80 mm gelatine filter with filter adapter **FA 30**



Chemical air sampling on 50 mm PU foam cylinder with the transverse adapter

Issued 06/2022

