

Swisens Atomizer allows for a controlled nebulization of particles from a few microns up to several hundreds of micrometers in diameter. Swisens Atomizer is recommended for the calibration of new particles (pollen, spores, etc.) for Swisens Poleno or other measurement devices.

Swisens Atomizer Function Principle

Pollen or other particles filled in standard macro cuvettes (12,5 x 12,5 x 45 mm³) are swirled by a vibrating plate and transported to the desired location by an adjustable airstream. This way, particles can be nebulized at a stable concentration over a long time. It is typically used to calibrate airflow cytometers such as Swisens Poleno. There are preset settings for different types of particles. Settings can be changed via built-in UI or USB. Swisens Atomizer comes with an enclosure and HEPA filters to keep out unwanted particles.

Specifications Of Swisens Atomizer

Dimension:	155 x 150 x 260 mm ³ (W x D x H)
Power supply:	rechargeable battery via USB
Battery life:	~ 6h
Weight:	1.6 kg
Interface:	e-ink display (daylight-readable) with buttons, USB

