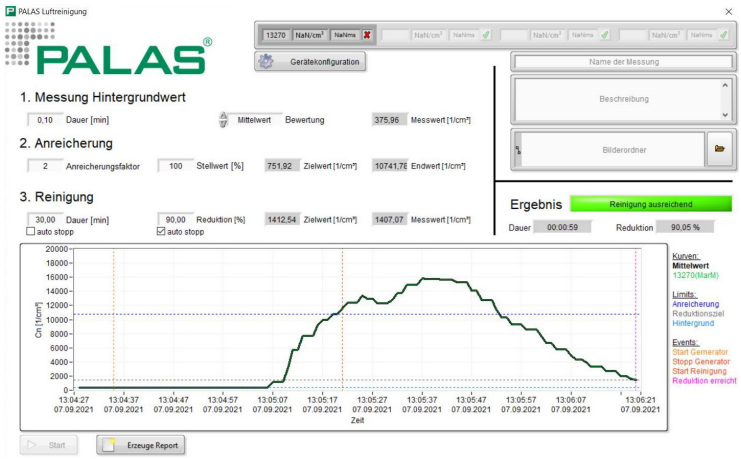
AQCONTROL

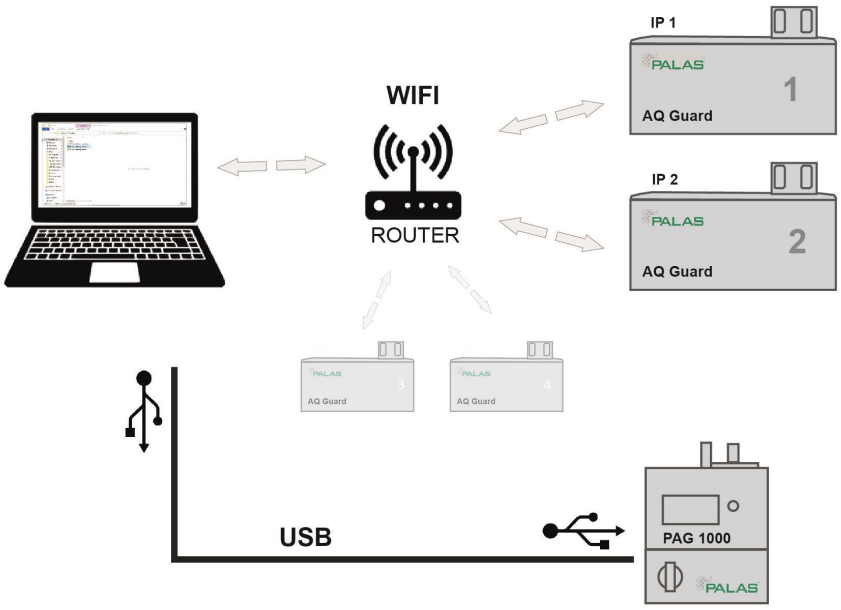


With the AQControl software, in addition to indoor air quality, effectiveness tests for room air cleaners can be carried out directly on-site (real room situation) - even if no person is present.

Up to four measuring devices of the type AQ Guard[1] and one aerosol generator, PAG 1000[2] , can be linked and controlled. The measuring devices are connected via Wi-Fi, and the aerosol generator via USB.

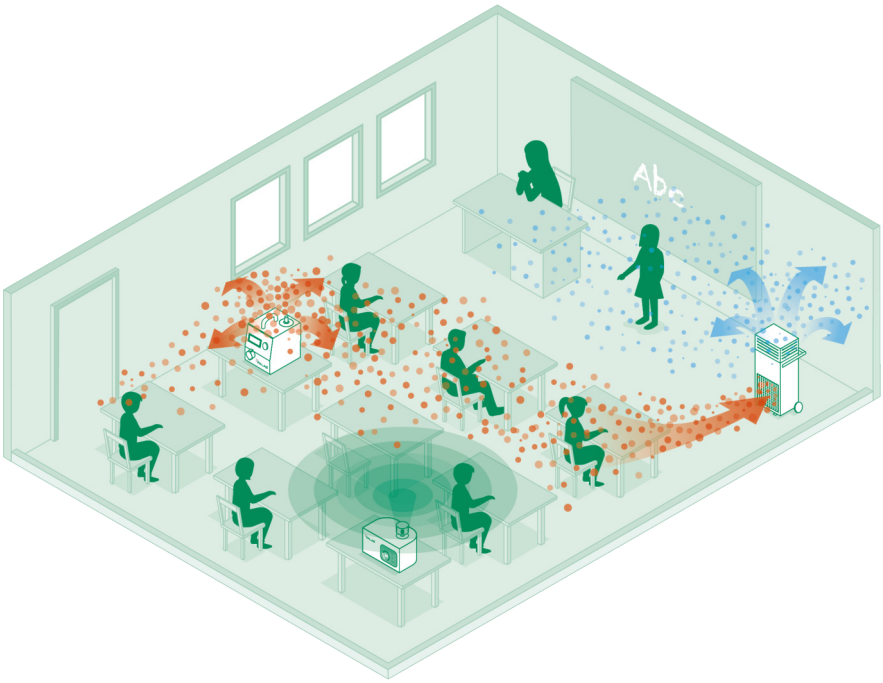
OPERATION PRINCIPLE

SOFTWARE TO TEST THE EFFECTIVENESS OF AIR PURIFIERS



[1] https://www.palas.de/en/product/aq-guard: https://www.palas.de/en//en/product/aq-guard
[2] https://www.palas.de/en/product/pag1000: https://www.palas.de/en//en/product/pag1000

First, the AQ Guard is used to determine the room's status quo regarding air quality. Then, the number of aerosols generated by the PAG 1000 is defined in the software to simulate an actual situation - for example, in a classroom.[3] In the next step, room air filters are activated, or ventilation measures are taken, and it is measured how long - and thus how effectively - these devices have to work until a healthy room climate is established.



In addition to displaying the measurement results on the screen, a report is generated as a PDF file. Optionally, images (photos) of the measurement setup can be added.

[3] Wer Wie Was: https://www.palas.de/en//en/blog/2021-07-22/Wer, wie, was

Applications

- Effectiveness of indoor air filters and ventilation measure in
  - schools
  - offices and conference rooms
  - production halls
  - event venues

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