How clean is your indoor air really?

AirWatch
Air monitoring for production halls

www.kemper.eu
The AirWatch

**AirWatch** offers a permanent and detailed view of the air quality in production halls. The fine dust measurements are carried out using a highly sensitive laser process. The sensor counts and differentiates the dust particles according to their size distribution. On the one hand, it calculates extremely exact, weight-related values. Also it detects dust particles that are particularly hazardous to health and are smaller than 0.3 micrometers.

The following four particulate values provide precise information about the air quality:

- Particulate value for PM10 particles
- Particulate value for PM2.5 particles
- The number of fine dust particles per m³ of indoor air
- The distribution of the particles according to their size

With **AirWatch** you will receive permanent information on the air quality in your factory - around the clock. In addition, you will recognize by the permanent recording of data, trends or effects of changes in production. You control connected general ventilation systems automatically and as needed. Through the use of mobile phone technology, a cloud-based machine-to-machine-Communication is possible, without any intervention in your company network. **Plug & Play.**

**Properties**

- Optical, laser-operated measurement techniques
- LED illuminated surface to indicate the air quality on the AirWatch itself (green, yellow, red)
- Individual limit values and alarm thresholds adjustable
- Uses cellular mobile technology for networking (no interference with company networks)
- Fleet management via cloud connection
  Display of particle count, size distribution, PM 2.5 and PM10 on Smartphone, Tablet and PC
- Extensive evaluation options in the dashboard
- Measuring range particle size from 0.1 μm

Even for Wall mount suitable
Internet of Things (IoT)

**AirWatch** is a communication talent. The recorded measured values are transmitted in a cloud together by means of cellular mobile technology - completely without Intervention in the company network. Via your own dashboard, you can connect to from anywhere access to data and all machines in the network. Stored limit values determine when connected general ventilation systems switch on or off with the aim of reducing energy costs.

Your advantages and benefits with AirWatch

**Control:** Are you within the legal limits? Do you comply with the target values you have set yourself?

**Energy cost savings:** Via the connection between AirWatch, Cloud and KEMPER general ventilation and extraction systems

**Security:** By documentation through detailed measurements and storage of data

**Strengthen trust:** Presentation of the effectiveness of Occupational health and safety measures for employees on the AirWatch itself, on Smartphone, Tablet and PC

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Do you have any questions?
We will be happy to advise you!

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