

INNOVATION FROM MUNICH

Dustlight is a cutting-edge product from Latai GmbH, a leading specialist in air quality monitoring.

We are a dynamic team of engineers with our research and development headquartered in Munich.

By manufacturing in Germany and the EU, we ensure the highest standards of quality and sustainability for our products. Our first product, 'Luftlicht,' has been sold over 40,000 times.



**Made in
Munich!**

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DUSTLIGHT FUNCTIONS

Measure & display:

The Dustlight measures and displays the fine dust concentration in real time. This gives the user a visual and acoustic warning when action is required, allowing them to protect themselves and adjust their working methods if necessary.

Analysing & reporting:

The Dustlight enables an orientating measurement of the dust concentration as well as its progression over time, which provides valuable support for risk assessment.

These can be analysed with the app and web app and exported as a report.

CHARACTERISTICS OF DUSTLIGHT

Dustlight is the sixth sense for particulate matter. It tells you when you should take action to protect your health, for example ventilation or wearing personal protective equipment. It provides safety, allowing you to focus on your project.

RANGE OF MEASUREMENT

Dustlight measures alveolar dust (A dust) that penetrates deep into the lungs and is particularly hazardous to health. The particles have an aerodynamic diameter of $<4 \mu\text{m}$. Additionally, Dustlight measures PM₁, PM₂, and PM₁₀.

SPECIFIC CONFIGURATIONS

In addition to the general dust setting, Dustlight offers **material-specific configurations** such as **wood dust, welding fumes, amorphous silica, aerosols, or aluminum oxide**. These enable even more precise measurements, developed in collaboration with the Institute for Hazardous Substances Research (BG RCI). Ideal for reliable assessments in real-world working environments.

Get in touch with us. We will be happy to advise you!

Dustlight



THE SOLUTION FOR RESPIRABLE DUST!

www.dustlight.de



YOUR COMPANION FOR EVERY INDUSTRY

Dimensions	65 x 65 x 32,5mm
Weight	150g
Battery Runtime	up to 40h
Technology	photometric (laser-based)
Measurands	respirable and inhalable* dust PM1 PM2,5 PM10
Occupational exposure monitoring	Live-Data Particle size distribution TWA STEL
Included	Dustlight Mini, mounting clip, charger

*inhalable dust with specific calibration



www.dustlight.de/app

An innovative pre-
filtering system
prevents clogging of
the airflow

Long-lasting
battery with
up to 40h
runtime

Modular KlickFast® -
System for safe fixing

Simple operation:
switch it on and
off you go

Easy-to-read
display that
shows every
detail

Reliable and responsive
respirable dust detection

Robust case for
every-day use on
construction site

Bright LEDs indicate
the the current risk
level - simple and easy
to understand

Now even
more
powerful!

Analysis and reporting with the Dustlight-Apps

- **Live display** of PM1, PM2.5, PM4, and PM10
- **CSV & PDF** export for easy documentation
- **TWA and STEL** monitoring in line with occupational exposure standards
- Visualization of **particle sizes** and exposure trends
- **Event notes** to mark specific work phases during measurements
- **Device management** & multi-device support in the cloud
- Web-based access – anytime, anywhere
- Local storage and **cloud synchronization**



Jetzt kostenlos herunterladen!

Dustlight