



***Take control of your work
environment***



Dustlight

Portable fine dust analyzer



oberA

Ensuring your air quality

OberA, ensuring the air quality of your company.

OberA supports you in implementing simple, effective, and sustainable solutions that guarantee both the comfort and safety of your employees while optimizing your productivity.

- **Ambient air purification and treatment** for your workspaces, production line, and storage halls.
- **Elimination of chips, dust, oil mists, odors, VOCs, and fumes**
- **Improvement of working conditions during high temperatures** with our mobile adiabatic coolers featuring a patented air purification system, designed and **manufactured in France**

We were very satisfied with the in-depth analysis conducted by the OberA team to advise us on our equipment. Their expertise enabled us to find a solution to our issue.

At OberA, we met dedicated specialists.

Client testimonial from Patrick JAECK,
General Manager of MINITEC SNC



OberA, ensuring the air quality of your company.

The health security agency, responsible for assessing health risks, is increasingly warning about the **deterioration of air quality**.

Industrial processes generate numerous particles that negatively impact indoor air quality in industrial facilities and factories

There are different systems available to remove particles that degrade the quality of the ambient air in the premises.

The choice will depend on the size of the dust particles, their nature, quantity, and concentration.

Source capture:

Dust capture occurs at the source through capture devices such as arms, hoods, or tables. The dust is then redirected and captured by a dust collector that filters the polluted air through one or more stages of filtration.

Ambient air treatment:

The use of an industrial air purifier allows for the capture and suction of these particles suspended in the air.



Protect yourself from the invisible danger of respirable dust in the **workplace**

With the **Dustlight** measuring device,
accurately measure the dust concentration in your industrial environment and
protect your health and that of your employees.



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Workplace safety is an **absolute necessity.**

Respirable fine dust can lead to serious health issues such as respiratory diseases, cardiovascular problems, and cancers.

With **Dustlight**, you can easily and effectively minimize these risks by measuring dust exposure and taking appropriate protective measures.

Dustlight measures dust exposure every second.

The values can be viewed on the smartphone and web app and downloaded as a report.

**Create a safe working environment and invest in the health of your employees
with the Dustlight dust monitor.**

Simply turn it on to work **safely** !



Map and monitor dust concentrations in real-time.

Quickly alert on the need to wear respiratory protection

Make the risk of exposure to hazardous dust (carcinogenic, mutagenic, reprotoxic) visible.

Identify and make pollution sources visible for better management

Protect operators in factories and on construction sites.

Highlight alveolar dust

Anticipate regulatory measures

Validate an implemented solution

Innovative solution for monitoring respirable dust levels:
PM10, PM2.5, and PM1

Helps identify critical situations in real-time, contributing to the protection of workers' health: **PREVENTION.**



Simple, reliable, and robust

Immediate detection: a highly effective and precise measurement.

Quick assessment of dust load with color display and audible warning.

Traffic light system quickly and clearly indicating when limit values are exceeded, allowing you to take immediate action.



Areas of application

Wood industry

Special algorithm for measuring hardwood and softwood dust.

Welding

Monitoring of welding fumes and metallic dust.

Configurable for specific applications

Measurement adapted to substances such as silica and aromatic powders in the food industry.

Technology and innovations

Laser Photometric Sensor

Fast and precise particle detection.

Sensor Protection

Filtered air flow and automatic cleaning system for extended lifespan.



Tested and approved

Validated by the Institute for Hazardous Substances Research (IGF) with reliable results.

Main Features

Precise Measurements

Monitoring of PM10, PM2.5, and PM1 dust with a resolution of $1 \mu\text{g}/\text{m}^3$

Visual Alert System

LED screen and light signal (green, yellow, red) based on the limit values of TRGS 900 (equivalent to OEL in Germany)

Displays the current alveolar dust load

Battery life up to 40 hours (eco mode) + battery status

Robustness

Advanced dust protection equipment for maximum lifespan (pre-filters, filtered air, self-cleaning)

Patented protection system for consistently clean sensors

Dust-proof charging port

Modular Mounting

Patented Klick-Fast system, adaptable (clip, Velcro strap, patch)

Technical Specifications

Dimensions: 69 x 69 x 32.5 mm (without clip)

Weight: 149 g

Battery : Lithium-ion, a

Protection rating : IP4X

Operating temperature : -10 to $+50$ °C

Measurement range : 0 - 10 000 $\mu\text{g}/\text{m}^3$

Associated Services

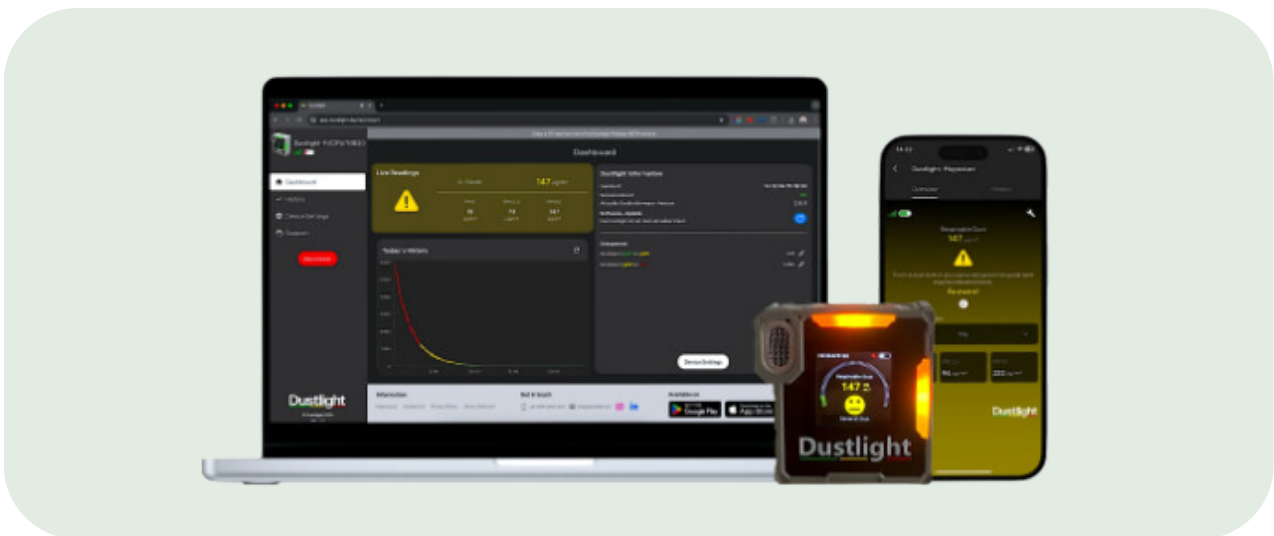
Custom configurations: Adaptation for specific environments (e.g., wood, welding).

Maintenance: Annual service including cleaning, recalibration, and software update.



Dustlight is now **accessible** via the new **web app** and **smartphone app**.

- Cutting-edge measurement technology that records dust levels to the nearest second
- Integrated warning system that helps ensure compliance with air quality standards
- Customizable limit values in the app and web app
- Warning through audible and colored signals as soon as the limit values you have set are exceeded, enabling early decision-making
- Advanced reports and data analysis – download risk assessment reports directly – a valuable tool for ESG reporting
 - Available in CSV or PDF format



Mobile App

- Bluetooth connectivity to access saved data, analyze trends, view history, set limit values, and export data

Dustlight Accessories



Click Fast - bracelet



Click Fast - clothing



Click Fast - belt



**USB Charger /
Power Adapter**



**Waterproof case
for 6 Dustlights**



**Click Fast -
Chest Strap**

**Order your Dustlight today
to ensure a safer work environment !**



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