BOOSTER

MEDTECH

RESEAU SATT

AirWaiv

SATT LUTECH

Lightweight and transparent active respiratory protection

#PPI

#respiratory protection



Concerns about the quality of the air we breathe have become increasingly pressing in recent years. The COVID-19 pandemic led to a massive increase in the production and use of masks, whose limitations are now well understood.

Existing masks and devices on the market are **bulky, irritating, invasive, heavy**, and can cause **respiratory fatigue** while **limiting social interaction**. Additionally, the **cost** of these systems (especially those with assisted ventilation) can quickly become high relative to their level of protection.

Solution: the AirWaiv active respiratory protection device is:

- **Ergonomic**
- **Lightweight** (200g)
- **Comfortable**: no skin contact, no irritation
- **No breathe shortness**, no fogging
- Compatible with glasses / helmet
- Designed **not to hinder social** interaction
- **Filters dust** and fine **particles** > 0.3 µm, **gas**, **vapors**
- **Low cost**

Applications:

- **PPI for professionals**: construction, industry, chemistry, agrifood (spices, flour), paint works, art restoration, craftspeople …)
- **Medical sector**
- **People with a respiratory risk** (allergens, COPD …)

TRL : 7

IP : patent (dec. 2024)

Opportunity: industrial partnership

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