

Air quality monitoring box

Digital traffic optimization



Check

Flexible handling of the air quality monitoring box means that the efficiency of the measures taken can be examined immediately and readjusted specifically as required. Decisions can be made on the basis of data available in real time. This leads to greater acceptance of the measures introduced.

Capture

Mobile application of the air quality monitoring box permits swift and comprehensive measurements of the respective air quality situation along the main traffic arteries. Using Bosch air quality dispersion modeling, immission loads are recorded in high resolution in the background depending on the respective topology and metrological situation. When it comes to changing the position of the box, all it takes is a few minutes and a 230V power connection!

Analyze

Only by seeing the entire environment is it possible to safely and specifically analyze the areas of activity.

Whether

- ▶ at busy intersections,
- ▶ caused by the effects of spontaneous events,
- ▶ or caused by the predominant background exposure: this valid data basis visualizes the impact of traffic on local air quality very precisely.

Implement

In an effort to implement measures quickly and efficiently, we collaborate closely with our partners for operative traffic control. Accordingly, existing synergy effects are exploited to the full.

Develop

On the basis of this measurement standard, tailored measures can be derived and further developed. Even minor changes can lead to immediate improvements if the root causes of immission loads have been identified. Environmentally-sensitive traffic management follows this principle and relies, among other things, on improving traffic flow.

