# **MYATMOSPHERE**



#### **Devices on Map**



We make air quality visible: by measuring it with our high-precision instruments\* and collecting and visualizing it via our cloud-based data platform.

MyAtmosphere is a comprehensive solution for effective and efficient air quality information management – from data collection to communication with third parties. Whether it's air pollution caused by urban traffic, construction sites, industry, landfills, or open pit mining: With MyAtmosphere, you can easily monitor, understand and document air quality.

\*Instruments are not included.

#### **OPERATION PRINCIPLE**

As a cloud-based data platform, MyAtmosphere enables the monitoring, documentation, and visualization of air quality parameters.

- Automatic visualization of measurement data with export function (svg, png)
- Intuitive site management for devices and data
- Simple measurement data comparisons between sites
- Alarming (e-mail) according to individually adjustable limit values
- (Requires internet connection of the device)
- Convenient data export for further analysis based on a selection of location, time period, parameters, data aggregation
- Standardized integration with third-party solutions through optional API

Learn more about our air quality monitoring equipment rental solution - if you want with MyAtmosphere. 1

MyAtmosphere Page 1 of 6

 $<sup>^{1}</sup> Learn \, more \, about \, our \, air \, quality \, monitoring \, equipment \, rental \, solution \, - \, if \, you \, want \, with \, MyAtmosphere.: \, https://www.palas.de/en//definition/solution-informatio$ 



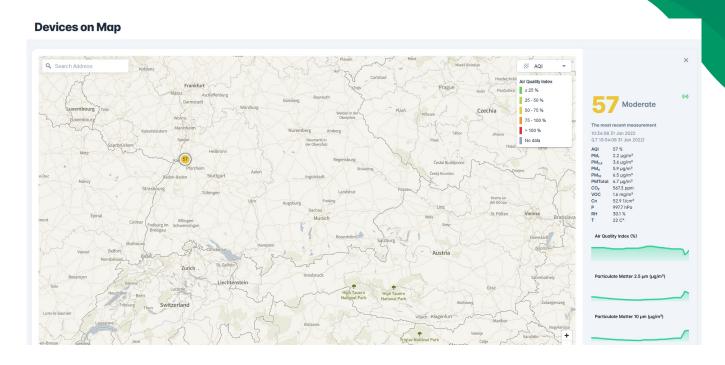


Fig. 1: Display of devices on map

		▼ Fe	ebruary 2023	Previous 🛱 Today	> Next	
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
30	31	1	2	3	4	5
<b>2.2</b> μg/m³	<b>2.0</b> μg/m³	<b>1.9</b> μg/m³	<b>1.4</b> µg/m³	<b>0.7</b> μg/m³	<b>0.5</b> μg/m³	<b>1.1</b> µg/m³
		1 🤝	10			
6	7	8	9	10	11	12
<b>1.6</b> µg/m³	<b>2.8</b> μg/m³	<b>4.7</b> μg/m³	<b>5.2</b> μg/m³	<b>5.4</b> μg/m³	<b>2.8</b> μg/m³	<b>3.1</b> µg/m³
		<u> </u>	^ 2 ∅ 7 ⊘	<u>∧</u> 1 ⊘ 2 ⊘		
13	14	15	16	17	18	19
<b>3.1</b> μg/m³	<b>3.5</b> µg/m³	<b>4.0</b> μg/m³	<b>4.0</b> μg/m³	<b>1.8</b> μg/m³	<b>0.5</b> μg/m³	<b>0.3</b> μg/m³
△1010						
20	21	22	23	24	25	26
<b>1.8</b> µg/m³	<b>2.2</b> μg/m³	<b></b> μg/m³	μg/m³	μg/m³	μg/m³	<b></b> μg/m³
	4 🤝					
27	28	1	2	3	4	5
μg/m³						

Fig. 2: Display of daily measurements per day in the calendar

Version: May 19, 2024 Page 2 of 6 MyAtmosphere



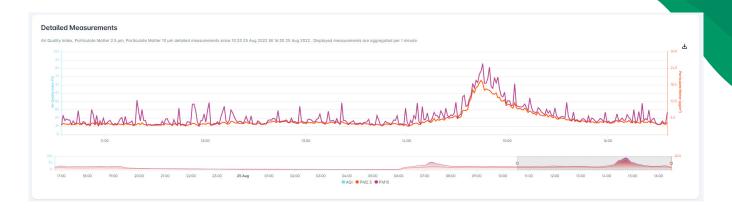


Fig. 3: Display of detailed measurements

Version: May 19, 2024 Page 3 of 6 MyAtmosphere



#### **BENEFITS**

- Comprehensive know-how of the Palas® aerosol experts
- High-precision and smart measuring instruments
- Cloud-based acquisition, analysis and documentation of your collected data
- Intuitive visualization software
- Save time and money: no third-party software required for visualization and communication
- Access data from anywhere, at any time with any device
- Simplified management of multiple monitoring projects
- Integration and remote management of Palas® instruments\*

Version: May 19, 2024 Page 4 of 6 MyAtmosphere

<sup>\*</sup>Not included in MyAtmosphere.



## **DATASHEET**

Reported data	$PM_1$ , $PM_{2,5}$ , $PM_4$ , $PM_{10}$ , $PM_{Total}$ , $C_N$ , $Druck$ , $Temperatur$ , $relative$ $Luftfeuchte$ optional: $CO$ , $O_3$ , $SO_2$ , $NO_2$ ( $Geräteabhängig$ )
Data logger storage	1-minute-average for 24 h, 15-minute-average for 2 years

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### **APPLICATIONS**

- Network with roads, rails ports
- Smart city
- Open pit mining landfills
- Construction sites
- Industry
- Natural risk areas



Mehr Informationen: https://www.palas.de/product/MyAtmosphere