Candidate

Magnasci — uRADMonitor MODEL A4

Detailed report:

ON

With the participation of:

uRADMonitor MODEL A4

Magnasci

★★★★★ IA-P

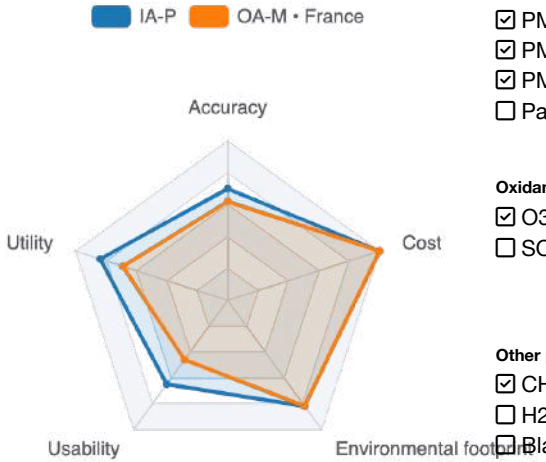
★★★★★ OA-M • France



Assessment summary

The uRADMonitor MODEL A4 is a small multi-pollutant system covering particulate matter, CO_2, CO, NO_2, O_3, VOCs and formaldehyde. It was evaluated in indoor air piloting and outdoor monitoring in France. Overall accuracy was good indoors and average outdoors, with generally better performance for PM than gases, except for CO_2, which showed very good accuracy. VOCs and formaldehyde remained challenging, while O_3 showed very poor accuracy and NO_2 did not capture the observed pollutant dynamics. It combines very good utility for indoor air piloting with average utility for outdoor monitoring, very good environmental performance and excellent cost performance. Usability remains an area with room for improvement.

Evaluation



Measured pollutants

Particulate matter

- ☑ PM1
- ☑ PM2.5
- ☑ PM10
- ☐ Particle number

Nitrogen compounds

- ☐ NO
- ☑ NO2
- ☐ NH3

Oxidants

- ☑ O3
- ☐ SO2

Carbon compounds

- ☑ CO
- ☑ CO2
- ☑ VOCs

Other pollutants

- ☑ CH2O
- ☐ H2S
- ☐ Black Carbon
- ☐ Wood Burning

Company

MAGNASCI SRL ☐

Additional measurements

- ☑ Temperature
- ☑ Relative humidity

Founded: 2015

Dumbravita 307160, Timis, Romania

Registration number: RO35268562

www.uradmonitor.com (www.uradmonitor.com)

Social media

LinkedIn (https://www.linkedin.com/company/10961201)

@uradmonitor (https://x.com/uradmonitor)

uRADMonitor (https://www.facebook.com/uRADMonitor)

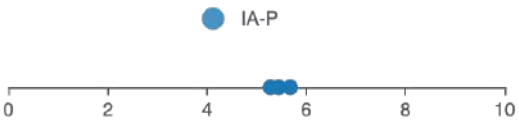
- ☐ Atmospheric pressure
- ☐ Sound intensity
- ☐ Geolocation
- ☐ Vibration
- ☐ Traffic counting
- ☐ Wind
- ☐ Luminosity
- ☐ Odours
- ☐ Water quality

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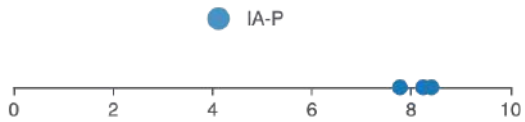
Accuracy



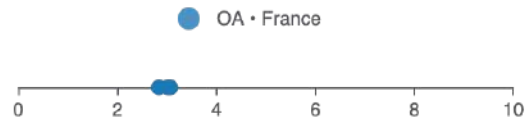
CH2O



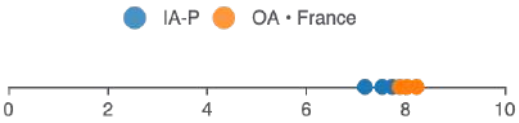
CO2



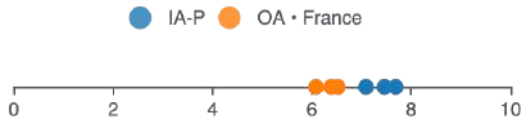
O3



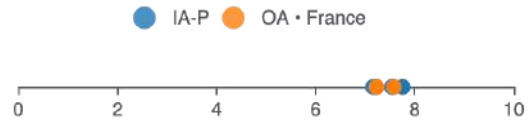
PM1



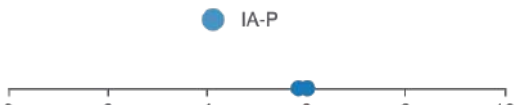
PM10



PM25



VOC



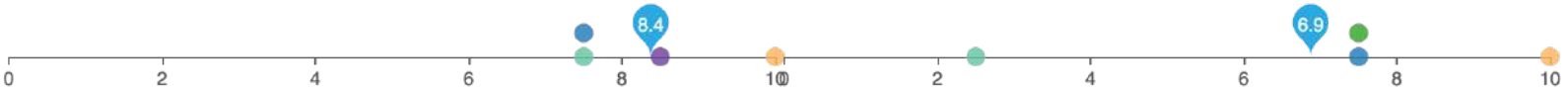


Time series graphs | Subcriteria details | Additional metrics

Utility

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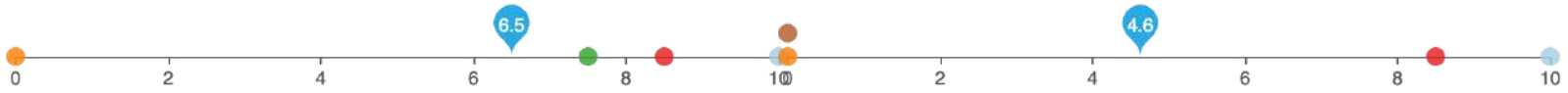
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Usability

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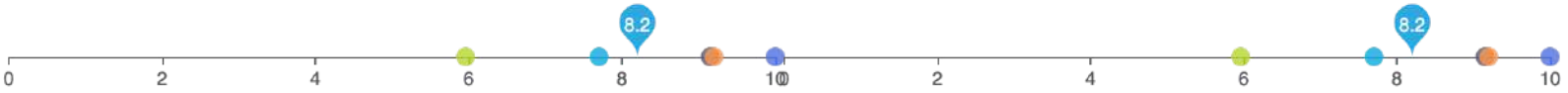
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Environmental footprint

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Cost

