Candidate

Magnasci — uRADMonitor SMOGGIE-PM

Detailed report:

ON

With the participation of:

uRADMonitor SMOGGIE-PM

Magnasci

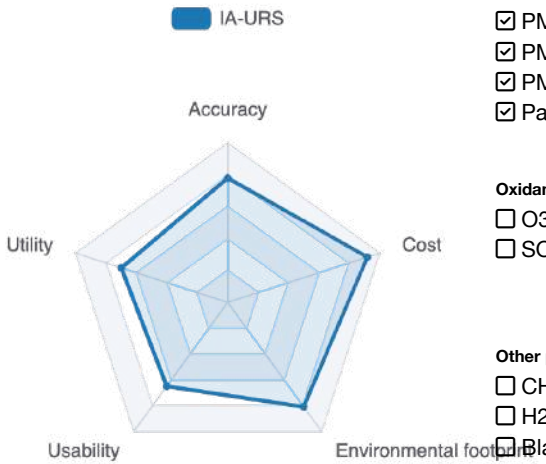
★★★★★ IA-URS



Assessment summary

The uRADMonitor SMOGGIE-PM is a very small particulate matter sensor targeting indoor air quality in underground railway stations. It showed good overall accuracy, with very good accuracy for $PM_{2.5}$ and good accuracy for PM_{10} and particle number. It combines good utility with very good environmental performance and excellent cost performance. Its 95 g form factor is a notable practical advantage. Usability was average, leaving 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

Founded: 2015

Dumbravita 307160, Timis, Romania

Registration number: RO35268562

Additional measurements

- ☑ Temperature
- ☑ Atmospheric pressure
- ☐ Sound intensity
- ☐ Geolocation
- ☐ Vibration
- ☑ Relative humidity
- ☐ Wind
- ☐ Luminosity
- ☐ Odours
- ☐ Water quality

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

Social media

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

LinkedIn (http://linkedin.com/company/10961201)

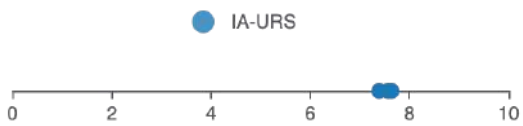
uRADMonitor (https://www.facebook.com/uRADMonitor)

☐ Traffic counting

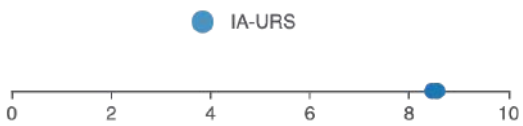
Accuracy



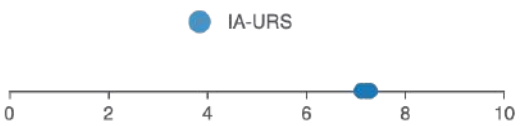
PM10



PM25



PN



Time series graphs | **Subcriteria details** | **Additional metrics**

Utility

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Usability

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Environmental footprint

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Cost

