



# Calibration of PM<sub>2.5</sub>, PM<sub>10</sub> and PM<sub>total</sub> measuring instruments

## Calibration campaigns

- Campaign A: CW 16&17
- Campaign B: CW 42&43

## Contact

Company:

Name:

Address:

PC, City, Country:

Telephone:

Email:

## Instrument

Manufacturer:

Model:

S/N:

Flow rate: L/min

Approximate size cm × cm × cm

## Aerosol

- Salt/ dust and mixture thereof
- Ambient like (soot, aged soot, salt, dust), temperature range 8 to 25 °C, RH 30 to 80%

## Size Fraction

- PM<sub>total</sub>
- PM<sub>10</sub>
- PM<sub>2.5</sub>

## Concentrations

Nominal concentrations 10 – 200 µg/m<sup>3</sup> are possible.

- Other

Please describe:

## Capabilities at METAS

During calibration all instruments are, in principle, operated by the personnel of the institute. The customer is therefore not obliged to be present during the calibration procedure. However, interested persons are very welcome to attend calibration or perform the adjustment

themselves.

Further details on the facility and methods can be found in [Horender et al. 2021a](#) and [Horender et al. 2021b](#). For size fractions PM<sub>10</sub> and PM<sub>2.5</sub>, impactors according to standard EN 12341 are used for the gravimetric reference measurement.

### **Important information**

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NDA's, amendments, subsidiary agreements and supplements shall always have to be made in writing.

Please send along:

- Manual
- Communication cable
- Power supply
- Software

Please make sure:

- Old data has been saved
- Batteries are charged
- Your user settings are noted or saved

Shipping instructions:

<https://www.metas.ch/metas/en/home/dl/geraete-ans-metas-senden.html>

### **Contact**

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