



*Supplement of*

## **Impact of sampling frequency on low-cost PM sensor performance including short-term temporal events in high PM environments**

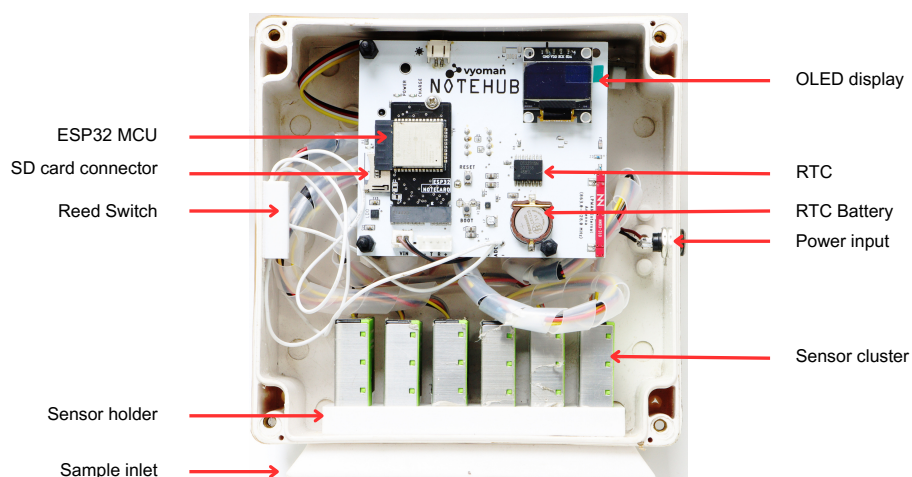
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	Minimum	Maximum	Mean	25th percentile	50th percentile	75th percentile
PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	11.7	303.3	84.41	49.3	73.4	110.5
Temperature ( $^{\circ}\text{C}$ )	16.3	36.6	25.50	20.9	24.9	30.1
Humidity (%)	27	93	65.39	46	72	82

**Supplementary Table S1.** Summary table showing descriptive statistics (mean, minimum, maximum, and percentile) for PM<sub>2.5</sub> levels, ambient temperature, and relative humidity during the study period.



**Supplementary Figure S1.** Custom designed SPS30 sensor hub.

## Data Availability

The data set recorded as part of this study has been made available at this link: <https://zenodo.org/records/14230696>.