PMSCAN

Particulate Matter Personal exposure monitoring

PARAMETRES

PM1, PM2.5 and PM10
Internal memory
Simple Email CSV export

COMMUNICATION

Bluetooth
Free Android / Apple / Windows app.

POWER

USB-C
Battery: 15 hours autonomy

PMSCAN embeds NextPM, the most accurate particulate matter sensor on the market
www.tera-sensor.com/nextpm

MADE IN FRANCE

Real time personal exposure monitoring

PMSCAN is an innovative device designed for real-time monitoring of individual exposure to fine particulate matter (PM1, PM2.5, PM10). Compact, portable, and user-friendly, it is ideal for worker safety, citizen science initiatives, mobility applications, or public environment assessments such as transportation systems.

TECHNICAL SPECIFICATIONS

Measured parameters	PM1/PM2.5/PM10 in μg/m3 Temperature in °C Relative Humidity in % Battery Level
PM Concentration Range	0 - 1000 μg/m3
PM Size Detection range	0.3 μm to 10 μm
PM Repeatability	< 3%
Communication	Low consumption radio communication
Measure/ Transmission Frequency	From 1 second up to 5 minutes
Communication Options	Moving Average 10 - 60 - 900 sec
Apps Available	IOS - Android - Windows
Battery life Normal Mode Eco Mode Internal memory	15 hours > 20 hours Data acquisition 6145 points (total duration depending on frequency)
Apps Available	IOS - Android - Windows
Power	USB C 5 V (+/- 10%) - 1A. Do not apply voltage over 13V at the risk of destroying the sensor
Dimensions/ Weight	H 88 mm x L 76 mm x P 36 mm | 210 gr