

Pollutants

PM
2.5

PM
10

Price

Low

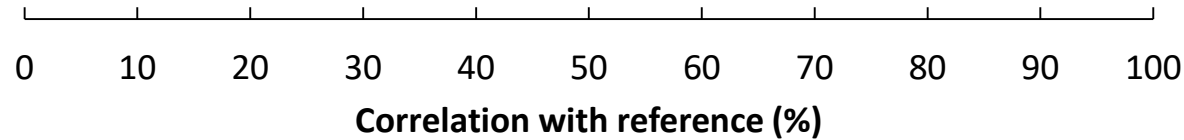
VQ tested

In
progress

Literature review

Field

Lab



The Nova Fitness SDS011 is a low cost particle counter. It is based on the light-scattering principle and can detect particles from 0.3 up to 10 μm . The number and diameter of particles can be obtained by analysis because the signal waveform has certain relations with the particles diameter. This sensor is often used in citizen science projects.



Literature

Frick & Reichert (2016)