

DC1100-PRO-PM Air Quality Monitor

Dylos Corporation



For Personal Use:

- Sensitive individuals can monitor their personal space at home and work
- Evaluate effectiveness and placement of air filtration devices
- Investigate the effectiveness of different strategies to reduce particulates
- Correlate health related issues to changes in particulate levels

For Professional Use:

- Indoor air quality investigations
- Evaluate effectiveness of air filtration
- Continuous monitoring of building conditions (continuous commissioning)
- Troubleshooting/optimization of filtration methods
- Sales tool for understanding filtration needs

The DC1100-PRO-PM Air Quality Monitor is a True Laser Particle Counter, counts individual particles, sizes small and large particles, gives immediate response to change in environment and provides three different history modes; minute, hour and day, up to 30 days of stored history data.

Specifications:

Sampling Method: Laser Particle Counter (based on light scattering)

Particle Measurement: PM2.5 & PM10 readings ($\mu\text{g}/\text{m}^3$)

Particles in different areas can have different characteristics which can produce errors in the PM2.5 readings of light scattering monitors. The DC1100-PRO-PM has a menu which allows the user to enter a correction factor based on local readings from the nearest government monitoring station.

Accuracy: Coincidence loss less than 0,1 μg per m³

Operating Modes: Continuous mode, Monitoring mode

Data Storage internal memory:

- 60 minutes of minute averages
- 24 hour of hourly averages
- 30 days of daily averages

Dimensions: 19 x 13 x 9 cm, Weight: 350 grams

Power: 12VDC 400mA 100-240VAC plug in wall adapter (International)

Maintenance: Clean with compressed air periodically (available at electronic stores and Action)

US Patent 8009290, Chinese patent ZL200880017554.5, Foreign Patents Pending

www.fijnstofmeter.com, Fresh Air Solutions BV, Vught, The Netherlands, Tel: +31 73 6895989