

DC1100-PRO-PC 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 Air Quality Monitor is a True Laser Particle Counter, counts individual particles, sizes small and large particles, give 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

Particle Measurement: 0.5 & 2.5 Micron

Flow Rate: 0.038 cfm

Concentration Limit: Coincidence loss less than 10% at 1,000,000 particles per cubic foot

Display Format: Particles per cubic foot divided by 100

Displayed Number multiplied by 3,54 is Particles per liter (dm³)

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

PC-interface: to make graphs with Dylos Logger software

Dimensions: 19 x 13 x 9 cm

Power: 12VDC 400mA 220VAC plug in wall EU adapter

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

US Patent 8009290, Foreign Patent Pending

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