DC1700 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 DC1700 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: the internal memory can store up to approximately a week of data when sampling continuously. The DC1700 stores these readings every minute when sampling. The data stored in memory is the same as the data displayed on the DC1700 and represents the average of the particle concentration over the previous minute. This amounts to about 10,000 individual readings.

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

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