



DC1100 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 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:

1.0 & 5.0 Micron

Flow Rate:

.06 cfm nominal

Concentration Limit:

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

Display:

Backlit negative LCD

Display Format:

Particles/cubic foot (divided by 100)

Data Storage:

60 minutes of minute averages

24 hour of hourly averages

30 days of daily averages

Dimensions:

7.5 x 5.0 x 3.5 inches

Weight:

Approximately 12 ounces

Power:

9VDC, 400mA, 110AVC plug in wall adapter provided

Maintenance:

Clean with compressed air periodically (available at electronic stores)

Warranty:

90 day warranty against defect in parts or workmanship. Unit is repaired or replaced.

This technology is Patent Pending.