

Technical specification



Model: FBXYF-1 dust quality air monitor

Air monitor to check particulate matter PM1.0 / PM2.5 / PM10

Features:

- Measuring range: 10– 1000 µg/m³
- Accuracy: ±5% for values below 400µg/m³
- Resolution: ~ 15 µg/m³
- Long term stability: ±0.5 %rH
- Operating temperature: 0°C – 50°C
- PM1.0 / PM2.5 / PM10 display values in round robin

Air Quality values	Description
<p>GOOD Value < 100 µg/m³</p>	Breathing air quality is healthy
<p>NORMAL 100 µg/m³ < value < 200 µg/m³</p>	Air purifier is preferable; might cause breathing troubles like coughing, sneezing if exposed for a prolonged duration
<p>POOR 200 µg/m³ < value < 400 µg/m³</p>	Not good for health. Will cause health hazard if continuously exposed under these breathing conditions
<p>ALARM value > 400 µg/m³</p>	to breathe even for more than 10-15 minutes. Recommend to turn off the monitor in such cases

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- 4 indicators for air quality index (BLUE / GREEN / YELLOW / RED)
- **ALARM** sound when readings are very high in alarm condition
- Operating voltage 6volt DC (4 x AA 1.5volt)

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FBXYF1: YellowFox-1 air monitor (PM1.0 / PM2.5 / PM10)

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