



Model: FBXYF3

VOC monitor for (Formaldehyde / Benzene / Toluene and TVOC)

Features:

- VOC gas measuring range: 0.000 to 5.000 ppm
- Accuracy: $\pm 5\%$
- Resolution: ≤ 0.1 ppm
- Long term stability: ± 0.5 %rH
- Operating temperature: 0°C – 50°C
- Operating humidity: 0 to 100 %rH (relative humidity)
- Following is the relative sensitivity for various vapors
 - LPG / CNC highly sensitive
 - Formaldehyde (HCHO) highly sensitive

Air Quality values	Description
<p>GOOD Value < 0.050ppm</p>	Breathing air quality is healthy
<p>NORMAL 0.080ppm < value < 0.050ppm</p>	Air purifier is preferable; might cause breathing troubles like coughing, sneezing if exposed for a prolonged duration
<p>POOR 0.080ppm < value < 1.200ppm</p>	Not good for health. Will cause health hazard if continuously exposed under these breathing conditions
<p>ALARM value > 1.200ppm</p>	to breathe even for more than 10-15 minutes. Recommend to turn off the monitor in such cases

- 4 indicators for air quality index (BLUE / GREEN / YELLOW / RED)
- ALARM sound when readings are very high in alarm condition
- Operating voltage 12 volt DC (FBXYF3T monitor comes with an adapter 110-220VAC to 12VDC)

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- For indoor use only
- **The gas needs to reach the sensing *point* (through the air inlet cavity holes) , for the machine to detect the VOC concentration**
- Keep the turn off the machine
- Do not expose to high concentration machine in rest till the booting time is over (usually 10 seconds)
- In ALARM condition, of obnoxious gas environment

FBXYF3: YellowFox 3 air quality monitor

Technical specification

