

(FBXDQML)

Monitor to measure Dust PM2.5

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Specifications

Model: FBXDQM

 $\begin{array}{lll} \text{Parameters} & \text{Specifications} \\ \text{PM2.5 sensor element} & \text{Optical} \\ \text{PM2.5 sensor range} & 10-1000 \ \mu\text{g/m}^3 \\ \text{Accuracy} & \pm 5\% \ \text{for values below } 400 \ \mu\text{g/m}^3 \\ \text{Resolution (Sensitivity)} & \sim 15 \ \mu\text{g/m}^3 \\ \text{Long term stability} & \pm 0.5 \ \%\text{rh} \end{array}$



PM1.0 $33 \mu g/m^3$

 Individual light indicator while switching readings



PM2.5 $47 \mu g/m^3$

LASER sensing mechanism



PM10.0 52 μg/m³

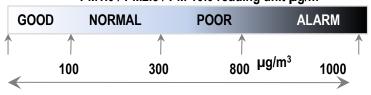
Operating voltage 12Volt DC

Table top machine

FBXDQMLW (bluish white LCD display) FBXDQMLG (lemon green LCD display)

Air Quality Index	Recommended actions
Good	Breathing air quality is healthy
Normal	Air purifier is preferable. Might cause breathing troubles (like coughing, sneezing) if exposed for a prolonged duration
Poor	Not good for health. Will cause health hazard if continuously exposed under these breathing conditions
ALARM	Smoky air, not fit to breathe even for more than 10-15 minutes. Recommend to turn off the monitor in such cases

PM1.0 / PM2.5 / PM 10.0 reading unit µg/m³



Good / fresh / clean air

Poor air

