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(57) Abstract :

The present invention provides a portable device for calculating an air quality index (AQI). One or more sensor of the device is used for measuring the atmospheric pollutant concentration. The processor of the device determines the air quality based on the measured pollutant concentration from the sensor. The device further includes a display screen for presenting the measured air quality index (AQI) to the user. The memory of the device is used for storing the historical data. The display screen of the device shows the air quality index (AQI) details to the user in a clear and understandable format. It allows individuals to make informed decisions about their exposure to atmospheric pollutants.

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