**AIR QUALITY MONITOR**

**PHASE 5**

PARTICUALTE MATTER(PM2.5 AND PM10):

These are tiny particles or droplets in the air that can be harmful when inhaled

GASES:

Monitors can detect gases like carbon dioxide (co2),carbonmonoxide(co),ozone(o3),nitogendioxide(no2),sulfurdioxide(so2),and volatile organic components(vocs).

TEMPERATURE AND HUMIDITY:

These parameters can affect air quality and comfote so it is very usefull for the mentioning the air quality and temperature and humidity.

AIR QUALITY INDEX(AQI):

Some monitors calculate and air quality monitor score,which summarizes overall air quality based on the measured parameters.

Air quality monitors can be used in homes,work places,industrial settings,or outdoor enviroments to help indiduals and authorities make informed decision recording health and environmental conditions.They are particularly usefull for tracking pollution levels and taking measures to improve air quality.

OUTDOOR AIR QUALITY MONITORS:

These monitors are typically installed in urban areas and messure a range of pollutants to provide real time data for public awareness and policymarking.

INDUSTRIAL AIR QUALITY MONITORS:

These are used in industrial settings to monitor emission,ensureing complains with environmental regulations.

The choice of monitor depends on the specific air quality parameters you need to mesasure and the location or application.Advance in technology have led to the development of more compact and affordable air quality monitoring devices,making it easier for individual and organization to monitor and address air quality concerns.

CONCLUTION:

An air quality monitors is an invaluable tools for assessing and maintaining the quality of the air we breathe.It provides cerucial data to help as make informed decision about our health and the environment.As we continue to prioritize clean air and well being,this device will play a vital role in safeguarding our future.