



## APM 370



### APPLICATION

AQM 370 is an indigenously developed system which monitors PM10, PM2.5, SO2, NO2, CO, O3, Temperature & Relative Humidity. Instrument displays instant values of the pollutants. It is handy, light weight and quite suitable for indoor and outdoor air quality monitoring. Instrument can be placed anywhere in our homes, offices, schools and hospitals and can also be mounted on walls and poles. AQM 370 is AC power operated with a battery backup for 8 hours. It consists of a detachable memory card which stores average values of pollutants at every 5 minutes interval with date and time. Data can be retrieved from the memory card in an Excel format by hooking it to a PC/ Laptop. Facility is available to access data through Envirotech Live Cloud based server

### WORKING PRINCIPLE

Air is drawn on to the sensor(s) with the help of a fan provided in the instrument. Date and time of start of instrument is set with the help of keys provided on the panel. Instrument displays the values of the pollutants on the LCD display and also logs the data in the memory card. After completion of monitoring memory card is removed from the instrument and hooked to a PC for retrieval of the data

### NEED

In recent years, people are getting more conscious of the environment they are living in. This consciousness has derived the need of environmental monitoring systems which are handy, light weight, low cost and are able to give instant values of pollutants. The typical regulatory monitors are quite costly, bulky, and stationary in nature and require highly skilled manpower to operate. To address these issues sensor based devices are developed which are low-cost, user friendly and data can be accessed anywhere via GSM/ Wi-F.



## APM 370



### FEATURES

- Monitors PM10, PM2.5, SO2, NO2, CO, O3, Temperature and Relative humidity
- Indigenous, designed by Envirotech.
- Ideal for in-door & outdoor monitoring.
- Compact and portable for convenient field use.
- Displays instant values of pollutants. This feature is usually not available in similar devices produced.
- Remote Data transfer via GSM/ Wi-Fi/ cloud server.
- High contrast LCD display
- Pole/ Wall mount brackets permit easy installation.
- Options available for data transfer to display boards and websites.
- Battery backup for 8 hrs.
- Expected sensor life 6 months to 2 years

### SPECIFICATION

Parameters:	PM10 , PM2.5 , Temp. & RH
Range (PM10 , PM2.5)	0-3000 µg/m3
Resolution	1 µg/m3
Principle	Light Scattering
Operating Temperature	-20 to 40 °C (-30 to 55 °C intermittent)
Operating Humidity	15 to 95%
Power Requirement	AC, 220V, 50/60 Hz
Data Storage	8 GB microSD card
Power Backup	8-hour (Fast charging in <2 hrs.)
Dimensions	220mm*100mm*80mm Approx
Weight	1.8 kg Approx

**1**  
**Year**  
**Warranty**

\*Specifications are subject to change without any prior notification



For More Information Contact

**Envirotech Instruments Pvt. Ltd.**

A-271, Okhla Industrial Area, Phase – 1,  
New Delhi – 110020, India



+91-011-41026749

+91-9810038803



[sales@envirotechindia.com](mailto:sales@envirotechindia.com)  
[sales.envirotech@gmail.com](mailto:sales.envirotech@gmail.com)



[www.envirotechindia.com](http://www.envirotechindia.com)



# APM 370



## SPECIFICATIONS

Parameter	Range	Resolution	Principle
PM <sub>10</sub> &PM <sub>2.5</sub>	0-3000 µg/m <sup>3</sup>	1 µg/m <sup>3</sup>	Light Scattering
NO <sub>2</sub>	0-10 ppm	20 ppb	Electro Chemical Sensor
SO <sub>2</sub>	0-10 ppm	20 ppb	Electro Chemical Sensor
O <sub>3</sub>	0-20 ppm	20 ppb	Electro Chemical Sensor
CO	0-1000 ppm	0.1 ppm	Electro Chemical Sensor
Operating Temperature	-20 to 40 °C (-30 to 55 °C intermittent)		
Operating Humidity	15 to 95%		
Power Requirement	AC, 220V, 50/60 Hz		
Data Storage	8 GB micro SD card		
Power Backup	8-hour (Fast charging in <2 hrs.)		
Dimensions	280mm*200mm*120mm Approx		
Weight	3.0 kg Approx		

# 1 Year Warranty

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