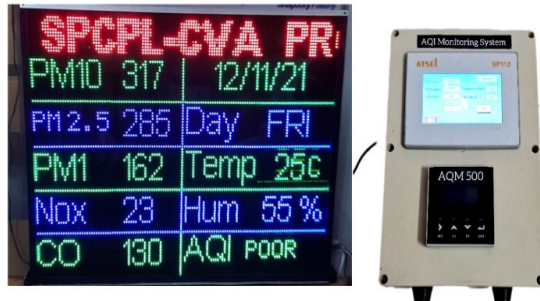


## Technical Specifications – Ambient Air Quality Monitoring System (AQMS)



### Measured Parameters

PM10: 0 – 1500  $\mu\text{g}/\text{m}^3$

PM2.5: 0 – 1000  $\mu\text{g}/\text{m}^3$

PM1: 0 – 500  $\mu\text{g}/\text{m}^3$

NOx: 0 – 1000 ppb (Optional)

CO: 0 – 50 ppm (Optional)

### Environmental Sensors

Temperature Range:  $-20^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$

Humidity Range: 0 – 100 %RH

Accuracy:  $\pm 0.5^{\circ}\text{C}$  (Temperature),  $\pm 3\%$  RH

### Data Management

Real-time data logging

Internal memory storage

USB / RS485 / Ethernet / GSM (Optional)

CPCB / MPCB compatible data format

### Power & Enclosure

Power Supply: 230V AC, 50 Hz

Enclosure: IP65 weather-proof

Operating Temperature:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

### Control & Display

HMI Touch Screen Control Panel

Real-time parameter display

Alarm & warning indication

Outdoor high brightness LED display with AQI indication

### Compliance & Application

Designed for CPCB / MPCB / NGT compliance

Suitable for Industries, Construction Sites & Smart City applications

### Installation

Pole / Wall / Rooftop mounting

Indoor HMI with outdoor sensor & LED display