

Email : sales@machinesequipments.com

**Product Name :**  
4Gas Analyzer

**Product Code :**  
MACHEQ-A-M11301002



**Description :**

4Gas Analyzer

**Technical Specification :**

Product Type Puc Machine  
Application VEHICLE POLLUTION TESTING  
Color BLUE  
Display Type LCD  
Display (Inch) 4  
Response Time 10  
Weight (Kilogram) 500  
Power (Watt) 50  
Temperature (Degree Celsius) 100  
Humidity (%) 100  
Measurement Gas Pressure 1BAR  
Condition New  
Power Supply (V per Hz) 230V50HZ

**PUC 4gas analyzer**

We are one of the most prominent and established company manufacturing and supplying PUC machines ,We have supplied over 600 units over last 8 years and due to our premium quality and best after sales service customers prefer us over our competitors. Our puc machines approved as per Government norms and regulation.

4 gas analyser.

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The, 5 Gas Analyzer developed it's class. Due to its latest technology and spares used for its development, it becomes a product which never been introduced market. Dual Head pump provides faster response time for gas sampling. While automatic drain facility ensures the vapor separation from the exhaust sample. Multi display pages offers user to switch between pre-configured measurement items on each page, it offers user to select either big font size display page or all gases in a single page, another page provided to have a look on Oil Temp, Corrected CO, AFR, PEF, RPM. is designed using Gas Bench”.

#### 1. Scope

The is intended to use for measurement of emission gases i.e. Carbon Monoxide, Carbon Dioxide, Hydro-Carbons, Oxygen through tail pipe of internal combustion engines running on fossil fuels like Petrol / CNG / LPG. Proper filtration of exhaust sample is recommended during measurements.

#### 2. Usage Conditions

The is designed to use within range of 160 volts to 250 volts AC at 50/60 Hz frequency. Using beyond these specifications may cause serious damage of power supply unit. To ensure prevention of electrical shocks, proper earth in power supply is required. The equipment is designed for indoor and outdoor usage keeping in mind that equipment should be used in a well ventilated and shaded place. Use of the equipment in rainy and misty conditions will require regular inspection of water separator unit to ensure proper drain of condensation. Due to sensitive parts used in this equipment, it is required to operate by a trained operator only. The equipment should be strictly opened / serviced by a qualified service engineer because it contains corrosive materials which may lead to serious injuries. The equipment must not be used with soiled or damaged filters which may cause dust contamination in sample line and lead to major break downs. Periodic maintenance of the equipment should be carried out in timely manners as specified in General Maintenance section.

1. AC 220 V :Input of 110 to 220 Volts AC (50/60 Hz)
2. RS232 :Output for PC Connection
3. Printer :Output for Thermal Printer
4. Oil Temp: Connection of Oil Temperature Sensor
5. Tacho / Vibration : Input of RPM Measurement Device
6. Inductive RPM : Connection Port for Inductive RPM
7. Gas Inlet : Input Port for Exhaust Sample
8. Calibration : Input Port for Calibration Gas
9. Drain Out: Discharge of Water from Sample
10. Drain In: Input of Separated Water for pump
11. Gas Out :Discharge of Measured Sample
12. Water Separator :Device for Separation of Water from Sample Gas

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