

<b>Product Name :</b> PUC 4 Gas Analyzer	<b>Product Code :</b> KGLOB1102002
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**Description :**

PUC 4 Gas Analyzer

**Technical Specification :**

Application	Laboratory Use
Response Time	Less than equal 15 sec
Voltage	110 to 220 Volts AC
Display	128 X 64 Dots (Graphical LCD)
Frequency	50-60 Hz
Temperature Range	0 to 50 Degree Celcius
Humidity	0 to 90% (Non-Condensing)
Weight	7 kg
Communication	RS232 (Serial) for PC Connection
RPM	0 to 6000 RPM
Fabrication	Full Metal Body
Keyboard	6 Keys Membrane Keyboard

The 5 Gas Analyzer developed best product in it's class. Due to its latest technology and spares used for its development, it becomes a product which never been introduced. 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. AVG-500 is designed using Gas Bench".

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**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.

**Usage Condition:**

The 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.