

# AUTOMOTIVE EXHAUST MONITOR

## INDUS FIVE GAS ANALYSER MODEL PEA 205N



- ★ High Quality Indian Product with latest technology
- ★ Very Compact, small in size & light in weight
- ★ Easy to carry & operate
- ★ Cable free technology
- ★ Features Acoustic based magnetic sensor
- ★ Hazards free product

### SPECIFICATIONS

Gases Measured	Carbon monoxide, Carbon dioxide, Oxygen, Oxides of Nitrogen & Hydrocarbon
Principle	Non - Dispersive Infra - Red for CO, CO <sub>2</sub> & HC, Electrochemical sensor for O <sub>2</sub> & NO,
Range	CO: 0 to 15%, HC: 0 to 30000 ppm as hexane, O <sub>2</sub> : 0 to 25%, CO <sub>2</sub> : 0 to 20%, NO: 0 to 5000 ppm
Data Resolution	CO: 0.001 %, O <sub>2</sub> , CO <sub>2</sub> : 0.01%, HC & NO: 1 ppm.
Accuracy	CO: ± 0.06%, CO <sub>2</sub> : ± 0.5%, HC: ± 12 ppm, O <sub>2</sub> : ± 0.1%
Display	20 x 4 backlit LCD display,
Keyboard	Membrane keypad with 16 keys
RPM (Optional)	Range: 0 - 8000 RPM Resolution: 1 (for Clamp), 10 (for Acoustic), Accuracy: ±20 (Abs), ± 2% (Rel)
Start-up Time	< 2 min. from power ON. Full accuracy in 3min.
Zero Time	Less than 30 seconds
Intrinsic Response Time (T90)	< 15 seconds
Gas Flow Rate	500 to 1000 ml/min. (read on a built-in flow meter).
Sample Handling System	S.S. probe, PU tubing with easily detachable connectors, water separator cum filter, disposable particulate fine filter
Sample Extraction	With a built-in Pump - Auto ON / OFF
Other Features	<ol style="list-style-type: none"> <li>1. Selection of fuel type</li> <li>2. Automatic fresh air intake during Auto Zero</li> <li>3. Line leak check facility</li> <li>4. Lambda for Petrol &amp; CNG Engines</li> <li>5. CO Correction</li> </ol>
Data Communication	RS232 interface for computer connectivity
Printer Output	CO, O <sub>2</sub> , CO <sub>2</sub> in %, HC & NO in ppm
Operating Temperature	0 to 50° C
Power Supply	12V/3A External Adaptor , Operating Voltage :100-270V AC, 11-12V DC
Dimension & Weight	PEA205N : 250 x 120 x 220mm,4Kgs
Optional Features	Printer: 24-column dot matrix RPM: Inductive pickup sensor / Acoustic based magnetic tachometer Oil Temperature (0 - 150°C) USB Interface to PC



**Manufactured & Marketed by :**

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