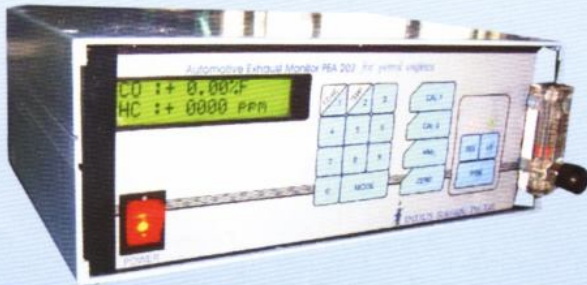


INDUS Gas Analyzer Model PEA 202

Automotive Exhaust Monitor for petrol engines

2 Gas & 4 Gas Versions Available

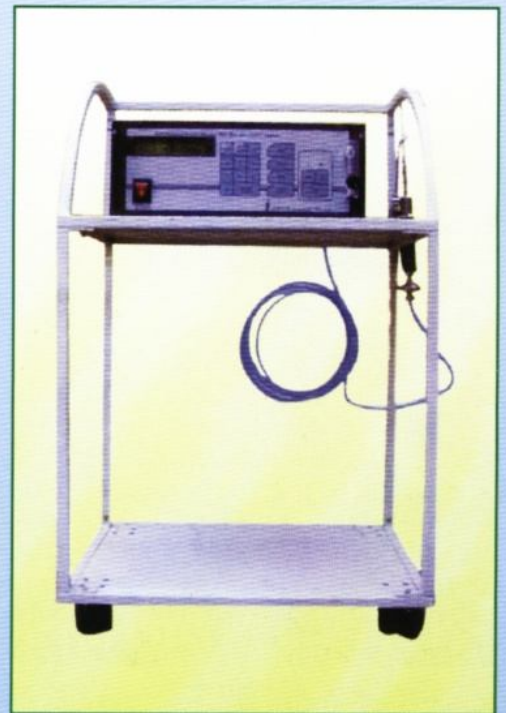
INDUS model PEA 202 Gas analyser is the most versatile product in its category for automotive exhaust monitoring and engine tuning. Based on the latest NDIR and microcontroller technology, this world class analyser is compact and light. INDUS products give real value for money as they are economical and are backed by a countrywide after sales support network.



**A High Quality Product of
Indian Technology**

Salient Features

- ✓ Government Approved. Certified by ARAI, Pune
- ✓ Conforms to the specifications of Ministry of Road Transport & highways incorporating all revisions issued up to 2003.
- ✓ Latest technology - Based on NDIR sensor & Microcontroller
- ✓ Compact, Sleek & Light - weight
- ✓ Built in printer and flow meter
- ✓ Facility to check leak in the sampling line
- ✓ Auto Zero facility at Power ON and at regular intervals
- ✓ Automatic fresh air intake for auto zero
- ✓ Automatic calibration
- ✓ Calendar function along with printout of date & time
- ✓ Built in RS 232 port for computerisation
- ✓ Economic price. Low maintenance cost. Lowest cost of ownership
- ✓ One year warranty against manufacturing defects



Options

- * PC software for computerisation
- * Unique flexible probes for insertion into small & bent exhaust pipes (Approved by Bajaj R & D)
- * Trolley for Portability
- * λ (Lambda) calculation and display for engine fine tuning



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Technical specifications of INDUS Gas Analyser Model PEA 202

| | | | |
|-----------------------|--|--|---|
| Principle | Non Dispersive Infra Red (NDIR) spectroscopy | | |
| Gases measured | Carbon Monoxide Hydrocarbon as Hexane (default) Hydrocarbon as Propane (for calibration) | Oxygen Carbon dioxide (by computation) | |
| Range | Carbon monoxide Hydrocarbon : Hexane Propane Temperature | 0 10% 0 10 000 ppm 0 20 000 ppm 5 99.9 ^o C | Oxygen : 0 - 21% |
| Resolution | Carbon monoxide Hydrocarbon Temperature | 0.01% 1 ppm 0.1 ^o C | Oxygen : 0.01% CO ₂ : 0.01% |
| Display | Alphanumeric LCD Display with back light for day and night operation | | |
| Display size | 2 lines, 16 characters of size 5 x 7 mm | | |
| Keyboard | Membrane key pad, 18 keys - for user friendly operation | | |
| Start-up Time | 1 min. from power ON. Full accuracy within 15 minutes | | |
| Zero Time | 20 seconds | | |
| Gas Flow Rate | 200... 400 ml / min. (adjustable using built-in flow meter) | | |
| Printer | 24 column dot matrix printer - built - in (optional). | | |
| Printer Output | CO in %, HC in ppm, Temperature in ^o C, Date & Time, O ₂ & CO ₂ in% | | |
| Computerisation | RS 232 port for computer connectivity, Software for computerisation available | | |
| Operating Temperature | 5 ... 45 ^o C | | |
| Power Supply | 90 ... 270 V AC / 11 ... 12 V DC (battery) | | |
| Dimensions | 340 x 130 x 240 mm | | |
| Weight | 4 kg | | |

ACCESSORIES SUPPLIED

- ✓ Disc filters
- ✓ Sampling probe (flexible)
- ✓ Sampling tube
- ✓ Operations Manual

Represented by:

This product is backed by the innovative, in-house R&D and excellent customer support of the
INDUS Scientific Group

MARKETED BY

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