



**IpeX D**

**Portable 4 or 5-Gas  
Analyzer:  
CO, CO2, HC, O2 and NO.**

- Easy to use and maintain.
- True Gas measurement.
- 24 column built-in printer.
- Meets or exceeds BAR'90.
- 5 minute warm-up time at full stability.
- Reliable gas sampling and filtration system.
- Uses Protech's OIML class 1 certified Infrasense bench.
- GasPC Windows®-compatible software available.

 **PROTECH**

portable gas analyser

## GENERAL DESCRIPTION

- IPEX-D is available as 4-gas (CO, CO<sub>2</sub>, HC and O<sub>2</sub>) and 5-gas (with NO) analyzer.
- IPEX-D meets or exceeds international specifications (OIML Class 1, BAR 90)
- IPEX-D is suitable for static and loaded emission tests.

## MAIN CHARACTERISTICS AND FEATURES

- Reliable gas sampling and filtration system.
- 24 columns built-in printer.\*
- RPM inductive clamp.\*
- Very fast 1 minute warm-up time.
- Minimised response time.
- Bright LED display.
- Single low power consumption 12Vdc power supply.
- Serial rs-232 interface.
- Easy gas calibration procedure.

\*denotes optional equipment

## TECHNICAL SPECIFICATIONS

- Range and resolution of measurement. •
- CO: 0-15% with 0,001% res. -
  - CO<sub>2</sub>: 0-20% with 0,01 res. -
  - HC: 0-15000 ppm with 1 ppm res. -
  - O<sub>2</sub>: 0-25% vol with 0,01% res. -
  - NO: 0-5000 ppm vol with 1 ppm res. -

- Full spec's temperature range: 35 - 106°F.
- Humidity: 95% max (non-condensing).
- Size: 13.5 x 9.2 x 10.3 inches .
- Weight: 5 lbs .
- Interface: RS 232.
- Power supply: single 12 VDC (nom).
- Power consumption: 15W typ. •

## OPTIONAL ACCESSORIES

- Oil temperature probe. •
- Stand trolley. •
- Universal battery tachometer. •
- 110/220/240 Vac power adapter. •
- GasPC Windows®-compatible gas analysis software. •
- Motorcycle emission test kit. •

Technical characteristics are  
Subject to change without notice.

portable gas analyser

