

IMPCO is the world leader to the Original Equipment Manufacturer market and after market in supplying gaseous fuel management, storage systems and components that allow internal combustion engines to operate on clean alternative fuels such as Propane (LP Gas) and Natural Gas.

Our business is the technology development, manufacturing and world wide marketing of products that support the efficient use of alternative fuels in propulsion systems. We are committed to providing quality, reliable and cost effective products and systems with high customer value and a better environment.

IMPCO-BERU Technologies BV is an ISO 9001:2000 certified company.



## MEASURES UP TO 5 DIFFERENT GASES \*

- Carbon Monoxide
- Hydrocarbons
- Carbon Dioxide
- Oxygen
- Nitric Oxide

## FEATURES & BENEFITS

- OIML Class 1 Certified
- Infra-Red link to optional portable printer
- Very fast warm up time
- Easy to use
- Suited for Petrol, LPG and CNG engines
- Lambda
- Complete with protective rubber sleeve,
- Water trap & Filter, carry case, battery
- Charger and Exhaust Probe.

\* The IGA range starts with a basic 2 gas analyser and progresses to a very comprehensive 5 gas analyser which covers CO, HC, CO<sub>2</sub>, O<sub>2</sub> and NO<sub>x</sub>.



# HOW LEAN IS YOUR MACHINE?

The **IMPCO IGA-Series** are truly portable exhaust gas analysers that sets new standards of convenience and ease of use. It weighs just 1.1 Kg, fits comfortably in the hand and can run for 4 hours on its internal re-chargeable battery.

The **Infra-Red** sensing system is unique to the product. The optional Infra-Red portable printer provides quick overviews of the measurement.

The four line display can be backlit. Measurements are shown in real time. With accuracy and/or certification to **OIML Class 1** the IGA testers are entirely suitable for pre-compliance testing, engine fault diagnosis and tuning.

These analysers are corrected for both atmospheric pressure and temperature changes. The programmed re-calibration procedure allows the units to be re-calibrated using standard Automotive test gases without the need for a service engineer.

An **automatic leak test** can be conducted on every power up. Integral flow checking provides warning of probe leakages.

	Over Range	Specified Range	Accuracy* Volume	%	Resolution
CO	20%	5%	±0,06%	±5%	0,01
HC	10.000	2 000 ppm	±12 ppm	±5%	1
O <sub>2</sub>	25%	21%	±0,1%	±5%	0,02
CO <sub>2</sub>	20%	16%	±0,5%	±5%	0,1
NO <sub>x</sub>	0 - 5 000 ppm	5 000 ppm			1
<b>Handset</b>					
	Dimensions		240 x 135 x 160 mm		
	Weight		1,1 kg		
<b>Probe</b>					
	Insert length		380mm		
<b>Ambient Operating Range</b>					
	+ 5°C to 40°C				
	860 à 1060 hPa Atm pressure				
<b>Power supply AC adaptor</b>					
	110Vac or 230Vac				
	or can be powered from vehicle battery				
<b>Battery life (from full charge)</b>					
	> 8 hours on standby				
	> 4 hours operating				
* whichever is greater					

**WARRANTY:** All products are warranted 12 months from the date of purchase. This warranty covers any defects in materials or manufacturing and applies worldwide. Ask for terms of extended warranty up to 5 years and the possibilities for a full service contract.



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