

# WORLIFT



## PRODUCT SHEET



**Portable Kit**  
5 Gas Analyzers With Printer



## Portable Kit 5 Gas Analyzers With Printer

The Snap-on 5 Gas Analyzer Portable Kit with Printer is a set of diagnostic tools designed for the measurement and analysis of vehicle exhaust gases. The kit includes five gas analyzers that measure the amount of carbon monoxide (CO), hydrocarbons (HC), nitrogen oxides (NOx), oxygen (O<sub>2</sub>) and carbon dioxide (CO<sub>2</sub>) in the exhaust gases.

Each analyzer is equipped with an LCD screen to display the results of the measurements in real time and a set of buttons to navigate through the menu and select options. The kit also includes a built-in printer that allows to print the results of the measurements in the place.

## FEATURES

1. For use in gasoline, LPG and CNG vehicles, which makes it ideal for: pre-emissions compliance, vehicle service and diagnostic work
2. Measures CO, CO<sub>2</sub>, O<sub>2</sub>, HC, NOx and AFR/Lambda exhaust emissions.
3. New illuminated six line display allows user to view all emissions readings Simultaneously • Provides an instant assessment of engine exhaust from the vehicle and catalytic converter.
4. Ideal for Pre-OBD vehicles as well as hot rods, muscle cars, collector vehicles and race cars to measure and adjust the perfect air/fuel ratio.
5. Links to ZEUSTM+, ZEUSTM, VERUS®, VERUS® PRO and VERUS® Edge; combines the analysis of gases with other vehicle data for effective "real time" diagnosis.
6. The gas analyzer views gas analysis data at the same time as other data, including component tests, oscilloscope readings, digital graphics function, scan results, view, graph, save and retrieve data.
7. Monitors and reduces vehicle emissions, protects the environment, improves drivability and fuel efficiency.
8. The unit is very sensitive and extracts only 1/14 of the exhaust volume of the analyzers in the competition, which eliminates water ingress problems, plus the pumps last longer.
9. Ability to print results using the infrared printer.
10. Add the optional HHGA-8 motorcycle probe for testing bikes.
11. Service is handled by Crystal Lake Northern Repair for annual calibration and replacement of O<sub>2</sub> sensor, complying with the required industry standard.
12. A practical rigid transport case protects the instrument.

- 13. Technical Support: 888-633-6852 (6 am to 12 pm CST)
- 14. Hard plastic carrying case included.
- 15. The printer is included.

## TECHNICAL SPECIFICATION

Carbon Monoxide	0-5 % (Accuracy ±10 %) Res 0,01 %
Headphone dimensions	7,9 x 1,8 x 3,5" (200 x 45 x 90 mm)
Lamda/AFR (Air-Fuel ratio)	0,6-1,4 / 8,82:1-20,58:1 (Fuel)
Replacement probe spike	HHGA-14
Preprogrammed fuels	Gasoline/LPG/CNG
AC adapter, input	100-240~ /50-60 Hz/300 Ma
EN 61000-6-3	Compliant
Display	6-line backlit LCD display with screen protection
Replacement probe	HHGA-9
Bluetooth	Yes - Class 1
Auto re-zero	Yes (every 30 minutes)
Country of origin	GBR
CE approved	Yes
Oxygen	0-21 % (Accuracy ±5 %) Res 0,02 %
CO corrected	0-5% Calculated
Sensor replacement	Service center only: Crystal Lake
Electrochemical sensors	Measure O2 and NO
AC adapter, output	9 V CC/1 A
EN 61000-6-1	Compliant
Printing Function	IR emmitter to HHGA-PRINTER (Optional on HHGA5C)
Battery life	120 minutes (standby) from full charge
12 V car charger	Included
Hydrocarbons	0-2,000 PPM (accuracy ±10%) Res 1 PPM
Nitrogen oxide	0-1,500 PPM (accuracy±10%) Res 1 PPM
handset weight, lb (kg)	2.2 (1)
Service and Calibration	As needed - annually recommended
Replacement filters	HHGA-11
Internal memory	Yes: Stores up to 100 test (manual o automatic)
Infrared automatic	Measure CO, CO2 and HC
Carbon dioxide	0-15 % (Accuracy ±10 %) Res 0,1 %

Single Unit

Multiple Units

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