



# SGA400

Gas analyser including lambda measurement



**SGA 400 is a 4-gas analyser for measurement of exhaust gas emissions from petrol and LPG cars and motorcycles in vehicle inspection stations and professional workshops**

The instrument is designed for accurate measurements on both modern cars equipped with catalytic converters as well as on older vehicles with higher exhaust emissions.

SGA 400 calculates and displays lambda value and can also be equipped with RPM and oil temperature measurement as option.

The start-up time is very short and the new water protection system Aqua Sense keeps the instrument from being damaged by water.

The measurements are easy to read even at long distances, thanks to the large and very bright LED display.

Communication now with Bluetooth enables flexible solutions for the modern workshop and vehicle inspection. This enables the user not only to be able to display the values but also to manoeuvre the machine via PC or another host.

## Features

- › Printer (thermal), 7 m hose, Stainless steel probe, power cable with battery clamps. Power supply with mains cable
- › **Aqua sense** protects the optical bench from being damaged by liquids
- › **Fast warm up time:** less than 10 seconds and full accuracy is reached within 2 minutes
- › **Optical IR bench:** Solid state detector, OIML class 00 with latest technologies and highest accuracy available
- › Firmware upgrades can be downloaded via USB.

## Optional Extras

- › OBD scan
- › Hand terminal with LCD display
- › Mobile stand
- › RPM sensor via battery system or inductive pick-up
- › Oil temperature sensor

## Service and Support

- › One Year Warranty
- › Available spare parts; shipped within 24 working hours



PICTURED WITH  
OPTIONAL  
MOBILE STAND

## Application



Check-in



Repair and  
maintenance



Testing



General  
Inspection



|  |                 |  |
|--|-----------------|--|
| Measurable gases                                 |                 | CO, HC, CO <sub>2</sub> , O <sub>2</sub> (NO <sub>x</sub> as option) |
| Accuracy class                                   |                 | 00 (OIML)  |
| Ready to measure                                 |                 | Less than 1 minute   |
| Flow   |                 | minimum 5,5 l/min<br>nominal 6,5 l/min                               |
| Measurement range /<br>Measured value resolution | CO              | 0 - 10 % / 0,01  |
|  | HC              | 0 - 15000 ppm / 1  |
|  | CO <sub>2</sub> | 0 - 20 % / 0,01  |
|  | O <sub>2</sub>  | 0 - 25 % / 0,01  |
| On-board voltage                                 |                 | 10-30 VDC (with transformer)   |
| Power supply                                     |                 | 100-240 VAC, 50-60Hz   |
| Dimensions (L x B x H)                           |                 | 400 mm x 240 mm x 260 mm   |
| Weight   |                 | 5.3 kg   |

**OPTIONAL ACCESSORIES**



**SST100 SMOKE ANALYSER  
FOR MEASUREMENTS OF DIESEL VEHICLES**



**RPM VIA BATTERY KIT**



**SGA 400 MEETS THE OIML CLASS 00  
CERTIFICATIONS AND IS MID APPROVED.**



**REMOTE CONTROL WITH LCD DISPLAY**

Specifications/Images subject to change without prior notice. To validate warranty, proof of a valid maintenance contract will be required. Images and Illustrations are indicative and may be modified without notice

**Lifting  
the Level**

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