

**TEMPERATURE** Ambient

**OTHERS** 

**FUNCTIONS** 

temperature

programmed

combustibles 1

9

Flue gas

External

water trap

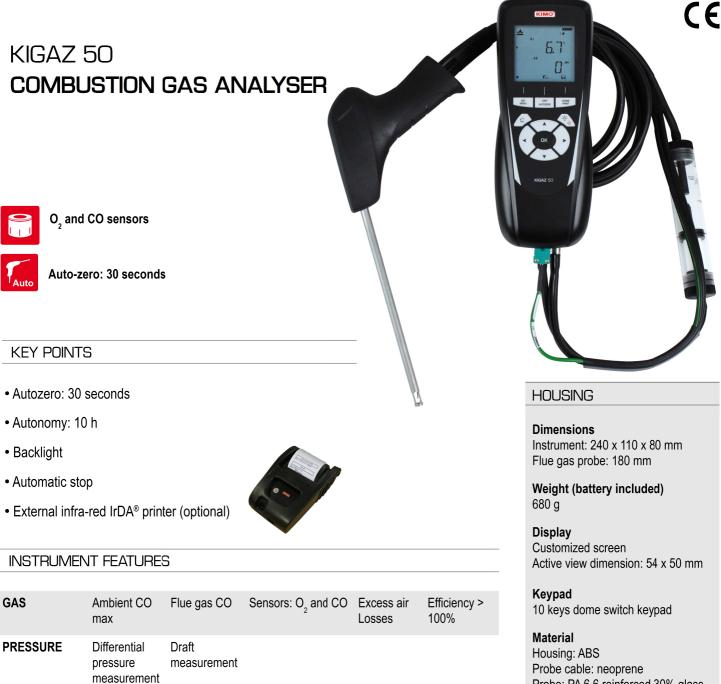
<sup>1</sup>Combustibles: Natural gas, Propane, Butane, Coke gas, Domestic fuel, Heavy fuel, Biofuel 5 %, Pellets 8 %, Wood 20%

temperature

Delta Temperature

## **Technical Data Sheet**

Pressure / Temperature / Humidity / Air Velocity / Airflow / Sound level



Probe: PA 6.6 reinforced 30% glass fibre

Communication Infrared (IrDA<sup>®</sup> technology) between the instrument and the printer

**Power supply** Li-Ion 3.6V 5.2 Ah battery

**Battery life** 10 h in continuous operation

Battery charging time 12 h with charger and mini-USB cable

Use and storage temperature From +5 to +50 °C and from -20 to +50 °C

MEASURING RANGE					
Parameter	Sensor	Measuring range	Resolution	Accuracy*	T <sub>90</sub> response time
0,	Electro-chemical	From 0 % to 21%	0.1 % vol.	±0.2 % vol.	30 s
CO	Electro-chemical	from 0 to 8000 ppm	1 ppm	From 0 to 200 ppm: ±10 ppm From 201 to 2000 ppm: ±5 % of measured value From 2001 to 8000 ppm: ±10 % of measured value	30 s
CO2	Calculated**	From 0 % to 99 % vol.	0.1 % vol.		
Flue gas temperature	K thermocouple	from -100 to +1250 °C	0.1 °C	$\pm 0.4$ % of measured value or $\pm 1.1$ °C	45 s
Ambient temperature	Internal NTC	From -20 to +120 °C	0.1 °C	±0.5 °C	S
Differential pressure Draft	Semiconductor	From -20 000 to +20 000 Pa	1 Pa	From -20 000 to -751 Pa: $\pm 0.5$ % of measured value $\pm 4.5$ Pa From 750 to -61 Pa: $\pm 0.9$ % of measured value $\pm 1.5$ Pa From -60 to 60 Pa: $\pm 2$ Pa From 61 to 750 Pa: $\pm 0.9$ % of measured value $\pm 1.5$ Pa From 751 to 20 000 Pa: $\pm 0.5$ % of measured value $\pm 4.5$ Pa	
Losses	Calculated**	From 0 to 100 %	0.1 %		
Excess air (λ)	Calculated**	From 1 to 9.99	0.01	s	
Lower efficiency (ηs)	Calculated**	From 0 to 100 %	0.1 %		
Higher efficiency (ηt) (condensing)	Calculated**	From 0 to 120 %	0.1 %		

\*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with required compensation.
\*\*Calculation is made based on the measured values by the analyser.

## SUPPLIED WITH

The analysers are supplied with the following items:

- Transport bag
- 180 mm flue gas probe and its water trap
- USB cable
- · Mains adapter
- Adjustment certificate

## **OPTIONS**

- SKCL 150: Thermocouple probe
- PMO: Opacity pump



• KDIP-2: External IrDA® infra-red printer



CPK-15: Magnetic protective cover

Transport bag



- KP-15: Differential pressure kit
- KEG: Gas network tightness kit







EXPORT DEPARTMENT

Tel: + 33. 1. 60. 06. 69. 25 - Fax: + 33. 1. 60. 06. 69. 29 e-mail: export@kimo.fr

Distributed by :

866-327-8731

