





가

KIGAZ 210

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-  O<sub>2</sub> 5
-  가  
CO-H<sub>2</sub>, NO and CH<sub>4</sub>
-  CO
-  Auto



KIGAZ MOBILE Application

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- 
- 가 LED
- 
- 가
- 2 G ( 100,000 )
- 가 Step by step procedure menu

가	- Autozero in the flue - CO sensor protection by solenoid valve	Flue gas CO and ambient CO max	Interchangeable sensors: O <sub>2</sub> long life and CO-H <sub>2</sub> and NO and CH <sub>4</sub> (optional)	Excess air Losses	Efficiency > 100%
,	Differential pressure measurement		Draft measurement		
	Ambient temperature	Flue gas temperature	Delta Temperature	DHW temperature 2 thermocouples	Dew point temperature
	15 programmed combustibles <sup>1</sup>	Adding 5 combustibles by the user	Opacity index		

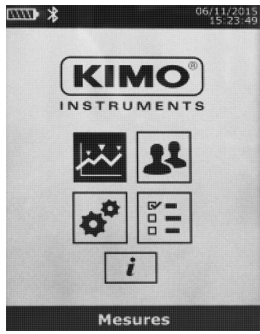
<sup>1</sup>Combustibles: Sahara/Fos-sur-Mer Natural Gas, Groningen Natural Gas, Russia/North Sea Natural Gas, Propane, LPG, Butane, Light Oil, Heavy Oil, Bituminous coal, Hard coal, Coke gas, Bio fuel 5 %, Wood 20 %, Wood-chip 21 %, Pellet 8 %

					T <sub>90</sub>
Long life O <sub>2</sub>	Electro-chemical	From 0 % to 21 %	0.1 % vol.	±0.2 % vol.	30 s
CO (H <sub>2</sub> )	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
NO	Electro-chemical	From 0 to 5000 ppm	1 ppm	From 0 to 100 ppm: ±5 ppm. From 101 to 5000 ppm: ±5% of measured value	30 s
Low range NO	Electrochemical	From 0 to 500 ppm	0.1 ppm	From 0 to 100 ppm: ±2 ppm From 101 to 500 ppm: ±2 % of the measured value	30 s
NO <sub>x</sub>	Calculated**	From 0 to 5155 ppm	1 ppm	-	-
CO <sub>2</sub>	Calculated**	From 0 to 99 % vol	0.1 % vol	-	-
CH <sub>4</sub>	Semiconductor	From 0 to 10000 ppm From 0 to 1 % Vol From 0 to 20 %LEL	1 ppm 0.0001 % Vol 0.002 %LEL	±20 % of full scale	40 s
가	K thermocouple	From -100 to +1250 °C	0.1 °C	±0.4 % of measured value or ±1.1 °C	45 s
	Internal NTC	From -20 to +120 °C	0.1 °C	±0.5 °C	
	Pt100 (1/3 DIN external probe)	From -50 to +250 °C	0.1 °C	±0.3 % of measured value ±0.25 °C	30 s
( )	Calculated**	From 0 to +99 °Ctd	0.1 °C	-	-
	TcK (external probe)	From -200 to +1300 °C	0.1 °C	±0.4 % of measured value or ±1.1 °C	-
	Piezoelectric	From -20 000 to +20 000 Pa	1 Pa	From -20 000 to -751 Pa: ±0.5 % of measured value ±4.5 Pa From 750 to -61 Pa: ±0.9% of measured value ±1.5 Pa From -60 to 60 Pa: ±2 Pa	-
		From -10 to +10 Pa From -1000 to +1000 Pa	0.1 Pa 1 Pa	From 61 to 750 Pa: ±0.9% of measured value ±1.5 Pa From 751 to 20 000 Pa: ±0.5% of measured value ±4.5 Pa	-
가	Calculated**	From 0 to 100%	0.1%	-	-
가	Calculated**	From 0 to 99.9 m/s	0.1 m/s	-	-
(λ)	Calculated**	From 1 to 9.99	0.01	-	-
(ηs)	Calculated**	From 0 to 100 %	0.1 %	-	-
(ηt) ( )	Calculated**	From 0 to 120 %	0.1 %	-	-
	External instrument	From 0 to 9		-	-

\*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 analyzer.

	: 331 x 112 x 86 mm	: 180 mm	: 2.50 m
( )	1060 g		
	LCD 120 x 160 pixels, 50 x 67 mm		
	Elastomer keypad; 3 function keys; OK key; 4 direction arrows; ON/OFF key; Escape key		
	Housing and probe: ABS; Probe cable: neoprene; Contact duct: PA 6.6 reinforced 10 % glass fiber		
	IP40		
	Bluetooth® ( ) / USB		
/	Li-Ion battery 3.6 V 4400 mA / 10 h in continuous operating Voltage of power supply: 100-250 VAC, 50/60 Hz		
	10		
/	From +5 to +50 °C / From -20 to +50 °C. Altitude: from 0 to 2000 m.		

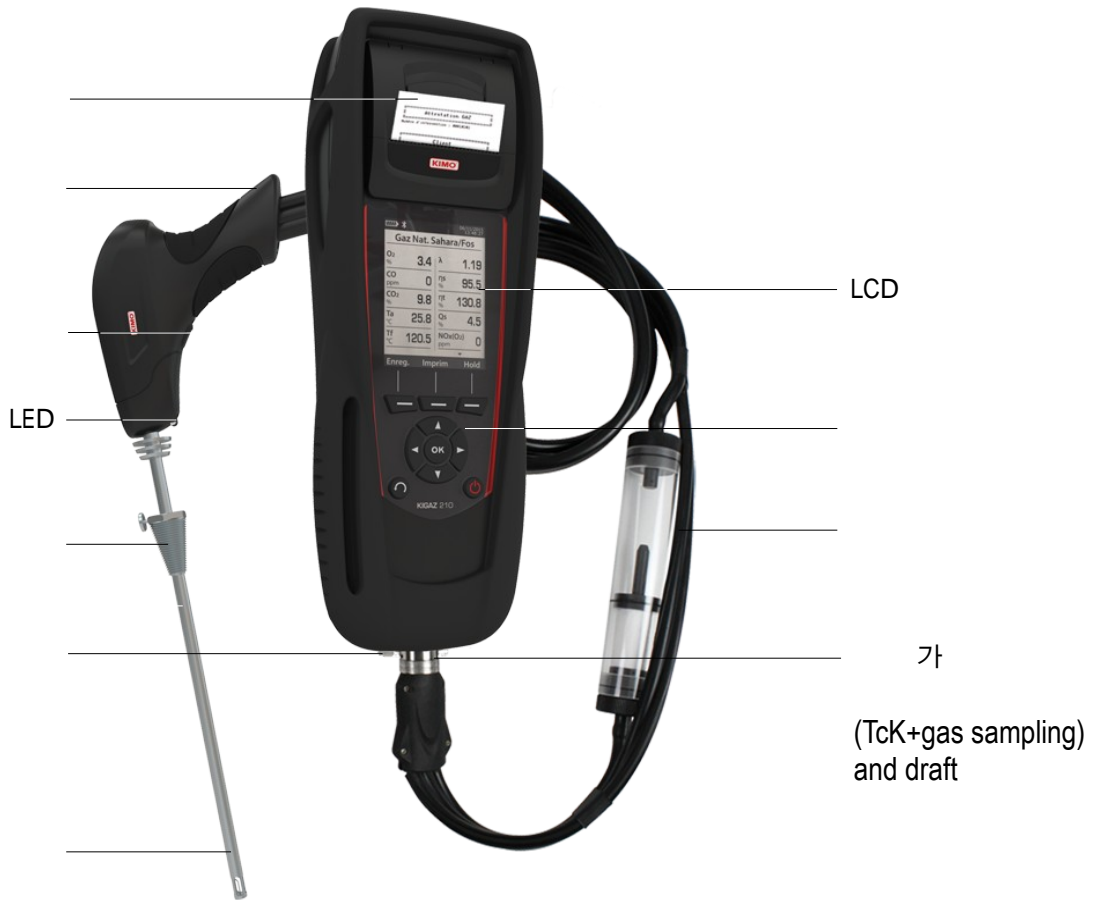


Gaz Nat. Sahara/Fos			
O <sub>2</sub> %	3.4	λ	1.19
CO ppm	0	η <sub>s</sub> %	95.5
CO <sub>2</sub> %	9.8	η <sub>t</sub> %	130.8
Ta °C	25.8	Qs %	4.5
Tf °C	120.5	NOx(O <sub>2</sub> ) ppm	0
Enreg. Imprim Hold			



가

CO, CO<sub>2</sub>



가

가

(TcK+gas sampling)  
and draft



	KIGAZ 210 STD	KIGAZ 210 PRO
	2 (O <sub>2</sub> long life and CO-H <sub>2</sub> )	3 ( O <sub>2</sub> long life, CO-H <sub>2</sub> and NO)
가	Yes: NO or CH <sub>4</sub>	Yes: CH <sub>4</sub>
	Yes	Yes
	Yes	Yes
가	Yes	Yes
	Yes	Yes
	Yes	Yes
LIGAZ - 2	Yes	Yes



LIGAZ - 2

가 LIGAZ-2 가

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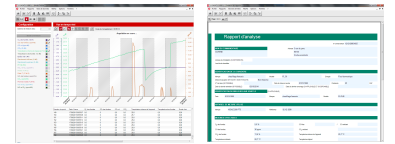
- , ,
- PC
- 가 PC
- 가



**LOGAZ-2:**

가 ,

가



- SCOT: CO



- SCO2T: CO<sub>2</sub>



- SPA 150SP: PT100



- SKCL 150:



- SCI:



- PSK-180: 가 180mm, 500 가

- PSK-300: 가 300mm, 500 가

- PSK-750: 가 1000, 750mm 가

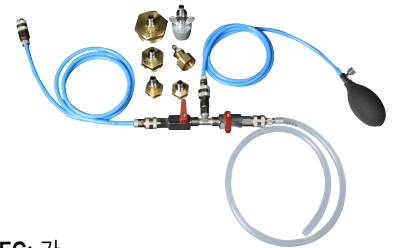
- PSK-1000: 가 1000, 1000mm 가



- SDFG: 가 가 (CH<sub>4</sub>)



- PMO: 50 ,



- KEG: 가



Data download and instrument configuration by PC.  
 Connection to the KIGAZ MOBILE application:  
 - Graphic visualization  
 - Saving  
 - Exportation under CSV, XML, PDF format  
 - Reports sending by e-mail



**KIGAZ MOBILE** application for smartphones and tablets



\*See the technical data sheet of accessories for KIGAZ for more details.

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