

## **Technical Data Sheet**

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

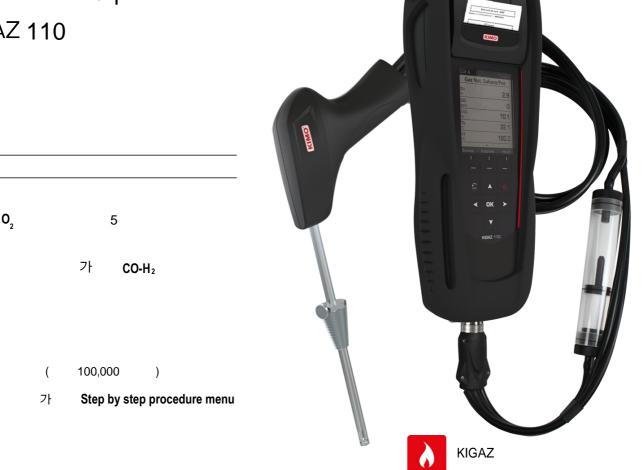
CE

가

## **KIGAZ 110**

• 2 G

가



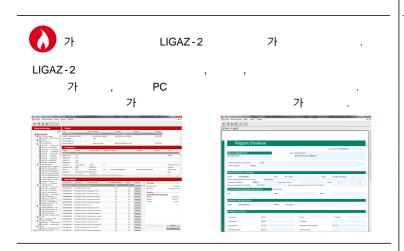
: 331 x 112 x 86 mm : 180 mm : 2.50 m	10-key dome switch keypad	IP40	10 가	
. 2.50 111		USB Bluetooth <sup>®</sup> ( )	10	
1035 g	: ABS	bluetootii ( )	, , , , , , , , , , , , , , , , , , , ,	
	Contact duct: PA 6.6 reinforced 10 % glass fiber	Li-lon battery 3.6 V 4400 mA Voltage of power supply:	From +5 to +50 °C and from -20 to +50 °C Altitude: from 0 to 2000 m	
LCD 120 x 160 pixels, 50 x 67 mm	: (neoprene)		7 udddd. 110111 0 to 2000 111	

가	Ambient CO max	Flue gas CO	Interchangeable sensors: ${\rm O_2}$ long life and CO compensated ${\rm H_2}$	Excess air Losses	Efficiency > 100%
	Draft measurement	Differential pressure measurement			
	Ambient temperature	Flue gas temperature	Delta Temperature	DHW temperature	Dew point temperature
	15 programmed combustibles <sup>1</sup>	Adding 5 combustibles by the user	Opacity index	External water trap	

<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>
02	Electro-chemical	From 0 % to 21 %	0.1 % vol.	±0.2 % vol.	30 s
CO (H2 )	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
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 (external probe 1/3 DIN)	From -50 to +250 °C	0.1 °C	±0.3% of measured value or ±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	-
		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	
	Semiconductor	From -10 to +10 Pa From -1000 to +1000 Pa	0.1 Pa 1 Pa	From -60 to 60 Pa: ±2 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 %	-	-
(λ)	Calculated**	From 1 to 9.99	0.01	-	-
( ηs)	Calculated**	From 0 to 100 %	0.1 %	-	-
( <b>nt)</b> ( )	Calculated**	From 0 to 120 %	0.1 %	-	-
	External instrument	From 0 to 9	-	-	-

<sup>\*</sup>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.









configuration by PC.

Connection to the KIGAZ MOBILE application:

- Graphic visualization
- Saving
- Exportation under CSV, XML, PDF format
- Reports sending by e-mail



for smartphones and tablets

Download on the App Store

Available on the

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

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