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KIGAZ 80



- 2 G (100,000)
- 가 Step by step procedure menu
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: 240 x 100 x 80 mm : 180 mm	10-key dome switch keypad	IP40	10	가
()	: ABS	USB Bluetooth® () Infra-red IRDA	10	
660 g	Contact duct: PA 6.6 reinforced 10 % glass fiber	Li-Ion 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
Graphic screen Active view dimensions: 54 x 50 mm				

가	Ambient CO max	CO flue gas	Interchangeable sensors: O ₂ and CO compensated H ₂	Excess air Losses	Efficiency > 100%
	Draft measurement	Differential pressure measurement			
	Ambient temperature	Flue gas temperature	Delta Temperature	DHW temperature	Dew-point measurement
	15 programmed combustibles ¹	Adding 5 combustibles by the user	Opacity index	External water trap	

¹Combustibles: 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 ₉₀
O ₂	Electro-chemical	From 0 % to 21 %	0.1 % vol.	±0.2 % vol.	30 s
CO (with H ₂ compensation)	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
Flue gas temperature	K thermocouple	From -100 to +1250 °C	0.1 °C	±0.4% of measured value or ±1.1 °C	45 s
Ambient temperature	Internal NTC	From -20 to +120 °C	0.1 °C	±0.5 °C	
Ambient temperature	Pt100 (1/3 DIN external probe)	From -50 to +250 °C	0.1 °C	±0.3 % of measured value ±0.25 °C	30 s
Dew-point temperature	Calculated**	From 0 to +99 °Ctd	0.1 °C	-	-
DHW temperature	TcK (external probe)	From -200 to +1300 °C	0.1 °C	±0.4 % of measured value ±1.1 °C	-
Differential pressure	Semiconductor	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	-
Draft		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	-
Losses	Calculated**	From 0 to 100 %	0.1 %	-	-
Excess air (λ)	Calculated**	From 1 to 9.99	0.01	-	-
Lower efficiency (ηs)	Calculated**	From 0 to 100 %	0.1 %	-	-
Higher efficiency (ηt) (condensing)	Calculated**	From 0 to 120 %	0.1 %	-	-
Opacity index	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 analyser.



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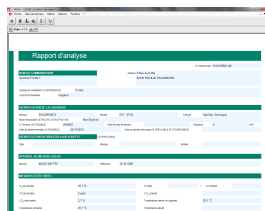
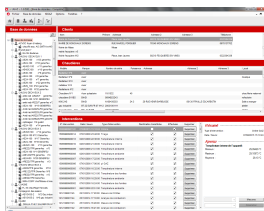
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• SCOT: CO



• SCO2T: CO2



• SPA 150SP: PT100



• SKCL 150:



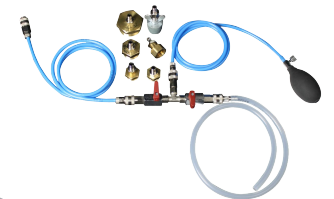
• SDFG: 가
(CH₄)



• SCI:



• PMO: 50



KEG: 가

• KDIP-2:
IRDA®



Bluetooth® module
SMART



KIGAZ MOBILE Application
For smartphones and tablets

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



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

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