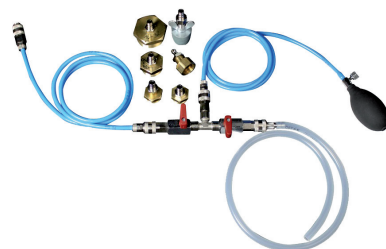


OPTIONS AND ACCESSORIES FOR KIGAZ 100/ 150/200/300 GAS ANALYSERS

OPTIONS AND ACCESSORIES

- Gas network tightness kit including : 2 cone-shaped tightness connections, pressure bulb, connections for direct measurement on ducts and meter (male-bottle 6-20, 10-32, 1/2G, M20x1.5), adaptator and tubes.

Reference : **KEG**



- Manual pump for opacity measurement (coming with 50 filters and table).

Reference : **PMO**



- Aluminium transport case for analyser and accessories

Reference : **MAK**

- ABS transport case for analyser and accessories

Reference : **MABS**



- Transport bag for Kigaz 100, 150 and 200

Reference : **SK-12**



- Protective cover with magnet

Reference : **CPAK**



- Power supply adapter

Reference : **ADS**

- Li-ion battery

Reference : **BK**



- Bluetooth® module for data downloading and configuration of kigaz, 5 m broadcast range.

Reference : **MD123**



- Software for database creation (customers, boilers, checks), data download, printing of checks, configuration of the analyser, creation of report and customized procedure, checks schedule, management of maintenance contracts (operators schedule, customers follow-up), visualization and recording of measurements in real time. Only for **Kigaz 200 and 300**.

Reference : **LOGAZ**



PROBES

Each remote probe comes with an **over-moulded mini Din** connector with a secured system. The cable, of **450 mm** length, extensible up to **2.40 m**. They also have the smart-plus recognition system, that allows the analyser to automatically detect the type of probe.



Retractable cable lg. 450 mm, up to 2.4 m.



Over-moulded mini-Din connector with secured system.

• **Ionisation current measurement probe for gas boilers**, output on 2 cables of 0.8 m with alligator clips, Smart-plus communication, measuring range from 0 to 100 μ A. Supplied with adjustment certificate.

Reference : SCI

Features : banana plugs and supplied with alligator clips

Measuring range : $\pm 100 \mu$ A



• **Gas leak detection probe** (CH_4 , LPG, ...). Range from 0 to 10000 ppm with Smart-plus recognition system, flexible 300 mm long probe. Supplied with adjustment certificate.

Reference : SDFG

Features :

- Electrical sensor
- Flexible probe

Measuring range :

- Hydrocarbon and CH_4 : from 0 to 10 000 ppm
- LPG : from 0 to 1800 ppm



Accuracy : $\pm 20\%$ of full scale at 20°C at $65\%\text{RH}$ $\pm 5\%\text{RH}$

• **CO_2 -temperature multi-function probe**. Range 0 from 5000 ppm and from -20 to $+80^\circ\text{C}$. Smart-plus recognition system, flexible 300 mm long probe. Supplied with adjustment certificate.

Reference : SCO2T

Features :

- CO_2 : NDIR sensor (non-dispersive infrared sensor)
- Temperature : Pt100 class 1/3 Din

Measuring range :

- CO_2 : from 0 to 5000 ppm
- Temperature : from -20 to $+80^\circ\text{C}$



Accuracy :

- CO_2 : $\pm 3\%$ of reading or ± 50 ppm.
- Temperature : $\pm 0.3\%$ of reading $\pm 0.25^\circ\text{C}$

• **CO-temperature multi-function probe**. Range from 0 to 500 ppm and from -20 to $+80^\circ\text{C}$. Smart-plus recognition system. Supplied with adjustment certificate.

Reference : SCOT

Features :

- CO : electrochemical sensor
- Temperature : Pt100 class 1/3 Din

Measuring range :

- CO : from 0 to 500 ppm
- Temperature : from -20 to $+80^\circ\text{C}$



Accuracy :

- CO : from 0 to 200 ppm : ± 3 ppm
from 201 to 500 ppm : $\pm 1.5\%$ of reading
- Temperature : $\pm 0.3\%$ of reading $\pm 0.25^\circ\text{C}$

• **Ambient Pt100 probe**. Range from -50 to $+250^\circ\text{C}$. Smart-plus recognition system. $\varnothing 4.5$ mm contact tip, 150 mm length, with handle, retractable cable and connector. Supplied with adjustment certificate.

Reference: SPA 150 SP

Features :

- Pt100 1/3 Din (as per IEC 751)
- Perforated contact tip

Measuring range : from -50 to $+250^\circ\text{C}$

Accuracy : $\pm 0.3\%$ of reading $\pm 0.25^\circ\text{C}$



SONDES THERMOCOUPLE DEPORTEES

- **Lamella contact thermocouple K probe, class 1.** Range from -50 to +250 °C. Stainless steel contact tip Ø4.5 m, 150 mm length with handle, retractable cable and male miniature connector.

Reference : SKCL 150

Features :

- Class 1 K thermocouple (as per IEC 584-3)
- Stainless steel contact tip

Measuring range : from -50 to +250°C



- **Velcro contact thermocouple K probe, class 1.** Range from -20 to +90°C. Velcro fixing for Ø100 mm max duct with cable of 1.5 m length and compensated male connector.

Reference : SKV 150

Features :

- Class 1 K thermocouple (as per IEC 584-3)
- Fixing for Ø 100 mm max duct

Measuring range : from -20 to +90°C



- **Lamella contact thermocouple K probe, class 1.** Range from -20 to +90°C. For duct from 10 to 50 mm of diameter, cable of 2 m length and compensated male connector

Reference : SKCT

Features :

- Class 1 K thermocouple (as per IEC 584-3)
- Fixing for duct from Ø 10 to 60 mm max.

Measuring range : from -20 to +90°C

Accuracy : ±1.5°C



INTERCHANGEABLE SENSORS



- CH₄ sensor for gas leak detection. Range : 0 to 10000 ppm

Reference : CI-CH4

- O₂ sensor. Range : 0 – 21%

Reference : CI-O2

- CO-H₂ sensor. Range : 0 – 8000 ppm

Reference : CI-COH2

- NO sensor. Range : 0 – 5000 ppm

Reference : CI-NO

- NO₂ sensor. Range : 0 – 1000 ppm

Reference : CI-NO2

- SO₂ sensor. Range : 0 – 5000 ppm

Reference : CI-SO2

CONSUMABLES

- 50 filters for PMO opacity manual pump

Reference : SFO

- Set of 5 paper rolls for printer

Reference : PI-5

- Paper roll for printer

Reference : PI-1

CONSUMABLES

- Filters of water trap for **Kigaz 100, 150 and 200**

Reference : F12-1

- Set of 5 filters for water trap for **Kigaz 100, 150 and 200**

Reference : F12-5

- Disc filter for probe of **Kigaz 300**

Reference : F3-1

- Set of 5 disc filters for probe of **Kigaz 300**

Reference : F3-5

FLUE GAS PROBES

- Flue gas probe with interchangeable contact duct, **180 mm** length, up to **500 °C**

Reference : PSK-180

- Flue gas probe with interchangeable contact duct, **300 mm** length, up to **500 °C** (only for kigaz 200 and 300)

Reference : PSK-300

- Flue gas probe with interchangeable contact tip in INCONEL, **750 mm** length, use up to **1000 °C** (only for kigaz 200 and 300)

Reference : PSK-750

- Handle for flue gas probe with 6 m of cable, water trap and single connector for Kigaz 100

Reference : PSF-1

- Handle for flue gas probe with 6 m of cable, water trap and single connector for Kigaz 150

Reference : SF6-15

- Handle for flue gas probe with 6 m of cable, water trap and single connector for Kigaz 200

Reference : PSF-2

- Handle for flue gas probe with 6 m of cable and single connector for Kigaz 300

Reference : PSF-3

- Water trap for kigaz 100 and 200

Reference : PS-CF

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