



CHEMIST 100 BE GREEN

UP TO 3 SENSORS

PORTABLE COMBUSTION ANALYZER

B/W Backlit LCD (50 X 50 Mm)

**15 Preprogrammed Fuels
(Including Wood, Pellets, Biogas And Coal)**

Rechargeable Lithium Ion Batteries

IR Communication

Qr Code To Acquire Analysis With Smartphone

Draught Measurement (Optional)

Tightness Test (Optional)



**Bluetooth Printer
AAST04**

**CHEMIST 100 BE GREEN
WARRANTY: 2 YEARS ON
INSTRUMENT AND GAS
SENSORS**

EVERY KIT INCLUDES:

- Instrument
- 300 mm Smoke Probe with 2 m cable
- Water trap with dust filter, stainless steel fittings and silicon hose
- Combustion air temperature Probe
- Pressure Measures Kit
- Power Adapter and International Plug
- Hard plastic kit case
- Quick Guide
- Calibration Certificate



Seitron Smart Analysis



MAIN FEATURES

- Precalibrated gas sensors
- Self diagnostic function with sensors status
- QR code generation
- Automatic recognition of condensing boiler
- Internal memory for 5 analysis
- Up to 10 hrs. autonomy of continuous operation
- Dimensions:
Analyzer 70Hx60Lx170D mm, weight 0,35 Kg
Kit 122Ax406Lx290D mm, weight 2,35 Kg

MEASURED VALUE

- Flue gas temperature and Temperature Differential
- Outdoor air temperature and room temperature
- Differential Draft and Pressure
- CO in the environment

CALCULATED VALUES

- Boiler efficiency, including condensation
- Stack losses

FEATURES	101	101 S	102	102 S	103	103 S
O2 Sensor	✓	✓	✓	✓	✓	✓
CO/H2 Sensor	✓	✓	✓	✓	✓	✓
NO Sensor	-	-	-	-	✓	✓
NOx Calculated	-	-	-	-	✓	✓
Expandable to 3 sensors	-	-	✓	✓	✓	✓
Draft measurement with internal sensor (optional)	-	-	✓	✓	✓	✓
Gas pipe tightness (optional)	-	-	✓	✓	✓	✓
Gas pipes volume automatic calculation (optional)	-	-	✓	✓	✓	✓
Kit with Bluetooth Printer	-	✓	-	✓	-	✓
Thermal Paper Roll	-	✓	-	✓	-	✓

GAS	CODE	RANGE	RESOLUTION	PRECISION
O2 *	AACSE50	0...25% v/v	0.1% vol	±0.2% vol
CO high immunity H2 with NOx filter	AACSE58	0...4000 ppm	1 ppm	±20 ppm ±5% ±10% 0 .. 400 ppm 401 .. 4000 ppm 4001 .. 8000 ppm
NO **	AACSE60	0...2000 ppm	1 ppm	±5 ppm ±5% v.m. ±10% v.m. 0 .. 100 ppm 101 .. 1000 ppm 1001 .. 2000 ppm

* : Sensor replaceable by the user

** : Sensor available only for replacement on CHEMIST 103 BE GREEN