

CHEMIST 100 BE GREEN

The evolution of combustion analysis. Fast, efficient, reliable.



The **Seitron Chemist 100** is the portable combustion analyzer designed to offer precise and reliable measurements in residential, commercial, and industrial settings. Equipped with cutting-edge technology and an intuitive user interface, it simplifies analysis operations, ensuring accurate results and compliance with current regulations.

- ✓ Replaceable Sensors
- ✓ 15 Preloaded Fuels
- ✓ Prolonged Autonomy
- ✓ Internal Memory
- ✓ Compact & Lightweight
- ✓ Direct Measurements
- ✓ Calculated Values

FEATURES & KITS

Precalibrated and Replaceable Sensors

Equipped with sensors for O₂ (0 .. 25% v/v) and CO (0 .. 4000 ppm), it guarantees accurate and reliable measurements. The sensors are pre-calibrated and easily replaceable in the field.

What the kit contains

All our Chemist 100 analyzers are available in kits that allow you to immediately have everything you need to start the analyses.

Each kit includes: instrument, protective shell, 180 mm smoke sampling probe, anti-condensation trap complete with pipe and fitting, pressure measurement kit, battery charger, rigid plastic case, calibration certificate, quick guide.

You can choose between the kit with or without an external Bluetooth printer.

BENEFITS

Commitment to the Environment

Seitron's "Be Green" line is designed to reduce environmental impact. By eliminating the integrated printer, the use of paper is minimized, promoting digital analysis management. All functions are accessible via smartphone, making the process more sustainable and efficient.

Why Choose the Chemist 100

- **Accuracy & Reliability:** High quality sensors and advanced features for accurate measurements.
- **Made in Italy:** Subjected to strict quality controls, giving our customers precise and reliable tools.
- **Versatility:** Customizable configurations to adapt to different application needs.
- **Ease of Use:** Intuitive interface and advanced connectivity for efficient data management.
- **Ruggedness:** Durable construction for operations in harsh industrial environments.
- **Assistance Service:** Efficient customer assistance to advise you and assist in maintenance.

TECHNICAL CHARACTERISTICS

Sensors	Pre-calibrated gas measurement sensors, replaceable in the field
Anti-condensation	External trap with anti-dust filters
Pumps	Suction pump and second pump for dilution of the gas taken
Screen	Backlit color LCD
Printer	Integrated thermal printer (optional/external depending on kit)
Body & Protection	Plastic body with magnets; Protective shell in TVP
Languages	10 pre-programmed languages
Power Supply	Rechargeable lithium-ion batteries
Fuels	15 pre-loaded + another 16 user programmable
Memory	For 2,000 complete analyses
Temperature Measurement	Gas, external air, ambient air
Pressure	Positive, negative, and differential pressure measurement
Connectivity	Bluetooth class 1 < 100 m
Dimensions	310(H) x 90(W) x 60(D) mm
Weight	1.1 kg
Standards Compliance	EN 50379-1, EN 50379-2, UNI 10389-1

