

HVAC CATALOG

COMBUSTION ANALYZERS



AC/REFRIGERATION



GAS LEAK DETECTORS MANOMETERS



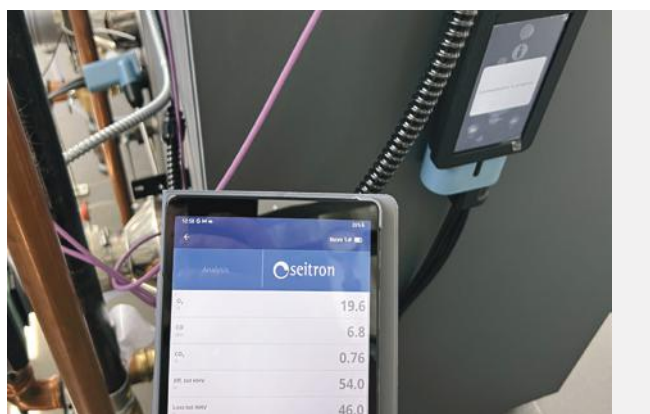
PERSONAL GAS DETECTORS



HVAC Combustion Analyzers

Seitron's portable combustion gas analyzers are designed to help maximize the safety and efficiency of all types of heating systems, and are ideal for setup, installation, and maintenance of furnaces, boilers, water heaters, and other residential and commercial combustion processes. The Seitron NOVO analyzer series features unique characteristics that meet the various requirements, preferences, and budgets of HVAC professionals. All of our analyzers are designed and manufactured in Italy to provide the highest level of quality and durability, while incorporating the latest technologies to achieve highly intuitive functionality.

Seitron Americas provides industry leading service & calibration turnaround to meet our customer's needs even during the busiest time of year. We guarantee a 24-48 hour turnaround time on any service & calibration to make sure we drastically minimize the downtime our technicians are without their essential equipment especially during the busiest times of year.



2024 New Products!



SIMULTANEOUS GAS PRESSURE + COMBUSTION READING

Thanks to the Novo's ability to measure combustion parameters and gas pressure simultaneously, Novo the service time is drastically reduces and limits the need to use different devices.



PRO/CHART ANALYSIS MODES



- Select Equipment Type
- Stabilize Combustion readings in GREEN Zone for optimal combustion
- View Stoichiometric Chart/Graph

GAS PRESSURE + COMBUSTION



- View LIVE Gas Pressure along with Combustion results at the SAME TIME
- Print or Save Gas Pressure
- No need for separate external manometer



7" RESPONSIVE TOUCH SCREEN

The new device has been redesigned to give the user an improved and easy-to-use experience. The analyzer includes a large 7" touchscreen, granting maximum visibility of all information along with quick and smooth browsing experience.



Residential & Commercial HVAC



PARAMETERS	Novo 1	Novo 1P	S500-3	S500-3P	Novo 3	Novo 4
# of Gases	2	2	2-3	2-3	3-4	4
O ₂ Long Life, 0 - 25.0%	✓	✓	-	-	✓	✓
O ₂ Standard, 0 - 25.0%	-	-	✓	✓	-	-
CO ₂ , (Calculated from O ₂), 0 - 100%	✓	✓	✓	✓	✓	✓
CO Measurement w/NOx filter, 0 - 8000 ppm	✓	✓	-	-	✓	✓
CO Auto Dilution (0 - 10%) High Range	✓	✓	-	-	✓	✓
NOx included 5,000 ppm	-	-	✓	✓	✓	✓
Low-NOx Capable 0 - 500.0 ppm	-	-	-	-	✓	✓
TOTAL NOx (NO + NO ₂ Included)	-	-	-	-	-	✓
Ambient Temperature Measurement	✓	✓	✓	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓	✓	✓	✓
Differential Pressure Manometer	✓	✓	✓	✓	✓	✓
Draft Measurement	✓	✓	✓	✓	✓	✓
Excess Air	✓	✓	✓	✓	✓	✓
Ambient CO Monitor	✓	✓	✓	✓	✓	✓
Capable of measuring NO ₂ , SO ₂ , CxHy	-	-	-	-	-	✓
High Altitude Adjustment	✓	✓	✓	✓	✓	✓
CO Air Free	✓	✓	✓	✓	✓	✓
Simultaneous Gas Pressure + Combustion Analysis	✓	✓	-	-	✓	✓
FEATURES						
Built-In Printer (Non-Fading Paper)	-	✓	-	-	✓	✓
Wireless Bluetooth® Printer	Optional	✓	Optional	✓	-	-
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓	✓	✓	✓
Mobile App + QR code	✓	✓	✓	✓	✓	✓
PC Software	✓	✓	-	-	✓	✓
Automatic data Logging	✓	✓	✓	✓	✓	✓
Combustion Efficiency Measurements for All Atmospheric & Condensing Systems	✓	✓	✓	✓	✓	✓
Internal Memory (# of Tests)	100,000	100,000	5	5	100,000	100,000
Rechargeable Battery w/ AC Charger	✓	✓	✓	✓	✓	✓
Display Screen	7" Touch Screen	7" Touch Screen	One color	One color	7" Touch Screen	7" Touch Screen
Carrying Case	Hard	Hard	Hard	Hard	Hard	Hard

(*): Mobile App only for QR code



Novo

ALL-IN-ONE COMBUSTION ANALYZER

Fast / Easy / Robust / Accurate

- 7" Touch Screen for easy menu navigation
- Optional Built-in Printer
- Long Life O2 Sensor (4 Years)
- New Dual Range (Low/High) Sensor Technology
- Simultaneous Gas Pressure + Combustion Measurements

LOW NOx

- Low NOx and SOx sensors
- 15 Preprogrammed Fuels Including Natural Gas, Oil, Propane & Biofuels
- **BIO 5%, B20, B50, B80, B100 Fuels**
- CO Protection Dilution Pump
- Rechargeable Li-Ion Batteries
- Integrated water trap with LED backlight for easy maintenance
- Differential Pressure Manometer
- Cracked Heat Exchanger Test
- Draft Measurement
- Mobile App for iOS and Android

NEW!

Built-in printer



Field Replaceable Sensors



O₂, CO, CO₂ Gas Sensors



7" Touch Color Display



Mobile App - iOS, Android



Simultaneous Combustion + Gas Pressure



Bluetooth



Seitron Smart Analysis



Windows Software
Seitron Smart Analysis



MEASUREMENT	SENSOR	RANGE	RESOLUTION	ACCURACY
O ₂ Long life	Electrochemical	0 .. 25.0% vol	0.1% vol	±0.2% vol
CO sensor with Over Range protection (NOx filter) - Dual Range	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value
		501 .. 8000 ppm	1 ppm	±5% measured value ±10% measured value
CO ₂	Calculated	0 .. 99.9% vol	0.1% vol	0 .. 40.0 ppm 40.1 .. 500.0 ppm
NO sensor	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value
		501 .. 5000 ppm	1 ppm	±10% measured value 501 .. 5000 ppm
Air Temperature	TcK sensor	-4.0 .. 2282.0 °F -20.0 .. 1250.0 °C	32.18 °F 0.1 °C	±0.5 °C ±0.5% 32 .. 212 °F (0 .. 100 °C) 213.8 .. 2282.0°F (101 .. 1250 °C)
Stack Temperature	TcK sensor	-4.0 .. 2282.0 °F -20.0 .. 1250.0 °C	32.18 °F 0.1 °C	±0.5 °C ±0.5% 32 .. 212 °F (0 .. 100 °C) 213.8 .. 2282.0°F (101 .. 1250 °C)
Pressure (draft & differential)	Piezo Resistive	-40.1 .. +80.4 inH ₂ O	0.004 inH ₂ O	±1% measured value ±0.08 inH ₂ O ±1% measured value -40.1 .. -0.81 inH ₂ O -0.80 .. +0.80 inH ₂ O +0.81 .. +80.4 inH ₂ O
Differential Temperature	Calculated	32.0 .. 2282.0 °F 0 .. 1250.0 °C	33.8 °F 0.1 °C	
Air Index	Calculated	0.00 .. 9.50	0.01	
Excess Air	Calculated	0 .. 850 %	1%	
Stack losses	Calculated	0.0 .. 100.0 %	0.1 %	
Efficiency	Calculated	0.0 .. 100.0 %	0.1 %	
Warranty	4 years on O ₂ Sensors and 2 years on Analyzer, CO Sensor, Probe			



Novo Kits Include:

- Combustion Analyzer
- Gas probe with 12" (300 mm) interchangeable tip
- 10 ft (3m) Single Connection Hose
- Integrated water trap
- Manometer Hoses
- Outdoor Combustion Air Temp Probe
- AC Power Adapter & Cable
- Hard plastic kit case
- Quick Guide
- Calibration Certificate

Features:

- Built-in Printer
- CO Air Free
- Altitude Adjustment
- Field Replaceable Sensors
- Combustion Efficiency, Losses, Excess Air
- CO sensor protection
- Draft & Differential Pressure
- Temperature Measurements
- 7" Color Touch Screen
- Bluetooth Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose

Model	Description
Novo 1	Analyzer w/ O ₂ , CO, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included
Novo 1-P	All In One Kit with BUILT-IN Printer. Analyzer w/ O ₂ , CO, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included. Bult-in Printer included.
Novo 1-OIL	Standard Novo-1 Kit plus Oil smoke pump, smoke filters and comparison chart
Novo 1-P-OIL	Standard Novo-1-P Kit plus Oil smoke pump, smoke filters and comparison chart
Novo 3	Analyzer w/ O ₂ , CO, NO/NOx, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3 m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included.
Novo 3-P	All In One Kit with BUILT-IN Printer. Analyzer w/ O ₂ , CO, NO/NOx, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3 m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included.
Novo 4N	Analyzer w/ O ₂ , CO, NO, NO ₂ , Total NOx, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3 m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included.
Novo 4N-P	All In One Kit with BUILT-IN Printer. Analyzer w/ O ₂ , CO, NO, NO ₂ , Total NOx, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 10 ft (3 m) Hose, Hard Case, Calibration Certificate, Operating Manual, Cheat Sheet, Integrated Water Trap, Data Storage, PC Software, Bluetooth, Differential Pressure Manometer Kit, Outdoor Air Temperature Probe + iOS and Android App included.

****Other gases available including SO₂, CxHy (HC), Direct CO₂, H₂S, H₂, & NH₃**

phone (215) 660-9777 - www.seitronamericas.com



S500-3

PORTABLE NOx COMBUSTION ANALYZER

Economical / Easy / Reliable / Accurate

- 3 gas sensors (O₂, CO, CO₂, NO, NOx)
- 6 tools in one
- 15 Programmed fuels (including #2 Oil, #4 Oil, #6 Oil, natural gas, propane, wood, biofuel and more)
- Built in pressure manometer
- Bluetooth® connectivity
- Automatic generation of QR code to acquire analysis with smartphone
- Draft measurement
- Cracked heat exchanger test
- Ambient CO monitoring
- CO Air free
- High Altitude adjustment



Field Replaceable Sensors



Easy to use



O₂, CO, CO₂, NO, NOx



Rechargeable Lithium ion batteries



Optional Wireless Bluetooth® printer



Mobile App - iOS, Android



For all High Efficiency Condensing Systems



Bluetooth®



Seitron Smart Analysis

GET IT ON Google Play

Download on the App Store

EXPLORE IT ON AppGallery



Every KIT includes

- Analyzer
- Protective, Magnetic Rubber Holster
- Flue gas Probe 12" with 5' dual hose
- Water trap
- Power supply adapter
- Hard carrying case
- Calibration Certificate
- Quick Guide

MEASUREMENT	SENSOR	RANGE	RESOLUTION	ACCURACY	
O2	Electrochemical	0 .. 25.0% vol	0.1% vol	±0.2% vol	
CO high immunity H2 with NOx filter	Electrochemical	0 .. 4000 ppm	1 ppm	±20 ppm ±5% measured value	0 .. 400 ppm 401 .. 4000 ppm
NO	Electrochemical	0 .. 2000 ppm	1 ppm		
NOx	Calculated	0 .. 2000 ppm	1 ppm		
CO2	Calculated	0 .. 99.9% vol	0.1% vol		
Air temperature	TcK sensor	-4.0 .. 248.0 °F -20.0 .. 120.0 °C	0.2 °F 0.1 °C	±1.8 °F ±1 °C	
Flue gas temperature	TcK sensor	-4.0 .. 1472.0 °F -20.0 .. 800.0 °C	0.2 °F 0.1 °C	±1.8 °F (±1 °C) ±1% measured value	-4 .. 212 °F (-20 .. 100 °C) 212.2 .. 1472 °F (101 .. 800 °C)
Pressure (draft & differential)	Piezo Resistive	-40.1 .. +80.4 inH ₂ O	0.004 inH ₂ O	±1% measured value ±0.08 inH ₂ O ±1% measured value	-40.1 .. -0.81 inH ₂ O -0.80 .. +0.80 inH ₂ O +0.81 .. +80.4 inH ₂ O
Temperature Differential	Calculated	31.0 .. 1472.0 °F 0 .. 800.0 °C	0.1 °C		
Air index	Calculated	0.00 .. 9.50	0.01		
Excess air	Calculated	0 .. 850 %	1 %		
Stack losses	Calculated	0.0 .. 100.0 %	0.1 %		
Efficiency	Calculated	0.0 .. 120.0 %	0.1 %		
Warranty	2 Years on Analyzer and 2 Years on Sensors				

Standard Kit Details:

- O2, CO, CO2, NO, NOx
- Combustion Efficiency, Losses,
- Excess Air
- CO Air Free
- Draft Measurement
- Pressure Measurement
- Temperature Measurements
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- Operating Manual
- Calibration Certificate
- IR Interface
- ABS Carrying Case
- Outdoor Air Calculations for Condensing Systems

All S500 Kits Include:

- 12" (300mm) probe
- 1112 °F (600 °C) max
- 5' (1.5m) Dual Hose

Optional Wireless Bluetooth® Printer



Model	Description
S500-3	S500-3 NOx KIT = Analyzer with O2, CO, CO2, NO, NOx, Efficiency, Excess Air, Draft, Pressure, Temp., Rechargeable Battery & AC Plug, 5' (1.5m) Dual Hose, 12" (300mm) Probe, Water Trap, ABS Case, Calibration Certificate, Operating Manual, Cheat Sheet, Calculations for High Efficiency & Condensing Systems. Includes Bluetooth® & Qr Code Smartphone App.
S500-3P	S500-3 NOx Kit with Wireless Bluetooth® Printer



GAS-T-ONE

Dual Pressure Manometer + Thermometer in ONE

Easy to Use / Accurate / Robust

- Differential Pressure (-40 to +80" H2O)
- Temperature (-4 to 1472 °F)
- QR Code Mobile App for saved/emailed reports
- Li-Ion Rechargeable Batteries
- Bluetooth
- Optional Printer

Kit Includes

- Gas-T-One Manometer
- Dual Pressure Hoses
- Hard Plastic ABS Carrying Case
- AC Charger
- Quick Reference Guide

Ordering Code:

- Part #: GT1
Description: Gas-T-One Manometer + Thermometer

- Part #: GT1-P
Description: Gas-T-One Manometer + Thermometer + Bluetooth Printer



COOL GUARDIAN

GAS CONCENTRATION TRANSMITTER



COMPLETE REFRIGERANT GAS RANGE



OUTPUTS
Configurable analog output
(4-20mA, 0-5V, 0-10V, 1-5V, 2-10V)



MODBUS COMMUNICATION
Up to 32 devices connectable via
RS485 interface



RELAY OUTPUTS
Three relays to serve as fault
detector, low and high-level alarm
triggers



INCREASED SAFETY
Built-in audible and visual alarms
for an immediate danger warning, in
compliance with safety standards



EASY TO USE
Commissioning and maintenance
without special tools



The Cool Guardian Refrigerant Leak Detector, characterized by fast response time, **low-temperature performance** (-40°C/50°C), and **integrated audio and visual alarms**, simplifies and facilitates compliance to safety regulations.

Modern refrigeration systems are engineered for optimal efficiency and airtight integrity. However, improper installation, unintentional damage, or mechanical wear and tear can potentially lead to hazardous leaks.

The Cool Guardian gas transmitter **serves as a vigilant guardian against unforeseen leaks**, which could compromise both the environment and human health.

Code	Gas	sensor type	Range
Cool Guardian CO2 (R744)	CO2 (R744)	NDIR	0 .. 10.000 ppm
Cool Guardian R410A	R410A	Semiconduttore	0 .. 1.000 ppm
Cool Guardian R134A	R134A	Semiconduttore	0 .. 1.000 ppm
Cool Guardian R32	R32	Semiconduttore	0 .. 1.000 ppm
Cool Guardian R454B	R454B	Semiconduttore	0 .. 1.000 ppm
Cool Guardian 407C	R407C	Semiconduttore	0 .. 1.000 ppm
Cool Guardian R290	R290	Semiconduttore	0 .. 2.500 ppm

Complete range of refrigerant gas sensors for different applications

Selection of the appropriate gas sensor to monitor the presence of refrigerants in **industrial processes, commercial cooling systems, or refrigeration facilities** is crucial when it comes to fixed gas transmitters. These transmitters are designed to accurately detect and measure various refrigerant gases, providing essential data for maintaining the integrity of refrigeration systems and preventing potential leaks.

Cool Guardian is already available for:

C02 (R744A)

R410A

R407C

R454B

R134A

R32

... more sensors coming in 2024!

Calibration Kit for easy in-field calibration

Seitron Cool Guardian periodic calibration is very easy, thanks to our calibration kit and Seitron Guard mobile App. The optional calibration kit includes a magnetic stick and a gas adapter. These items allow to operate on the field, without removing the detector's cover. By following step-by-step instructions on the App, the user can fine-tune the device ensuring high performing operations. Periodic Bump test and Calibration of Cool Guardian Stand Alone Transmitter help to maintain the safety and efficiency of refrigeration systems.

Technical Features

Power supply voltage:	12 .. 24 Vac \pm 10% or 12 .. 24 Vdc \pm 10%
Power absorption:	5 W
Relay outputs	
Contact rating:	3 x 1A 30 Vac (voltage free)
Analog Output:	4-20mA, 0-5V, 0-10V, 1-5V, 2-10V - configurable via App
Modbus® output:	Via RS485 with Modbus® RTU protocol Up to 32 connectable devices
Protection degree:	IP65 (With cables/plugs inserted in the cable glands)
Operating temperature:	-40 .. +50 °C (-40 .. +122 °F)
Operating humidity:	20% .. 90% RH (non-condensing)
SIZE (W x H x D):	190 x 176x 112 mm (7.5 x 7 x 4.4 inch)

App Seitron Guard



The Seitron Guard mobile app simplifies configuration, maintenance, and interaction with Cool Guardian gas transmitters. Setup, calibration and use of the detectors is made simple and immediate, thanks to Bluetooth® connectivity:

- **Bump test / Calibration**
- **Product Configuration:** device renaming for easy locating, alarm thresholds setting and output settings management
- **Maintenance:** LED tests, buzzer function and relay control
- **User friendly monitoring**



Seitron Guard





RYF01M

CONTROL UNIT FOR MECHANICAL ROOM

To be used in **Mechanical and Refrigerant Rooms**, designed for wall mounting.

180x128 graphic LCD display

8 LED indicators and signaling buzzer.

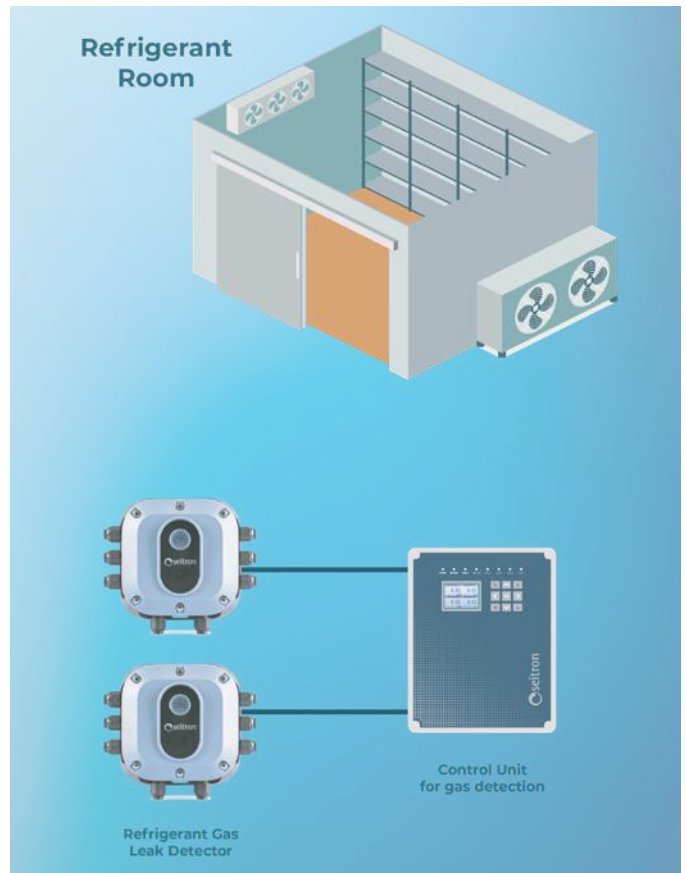
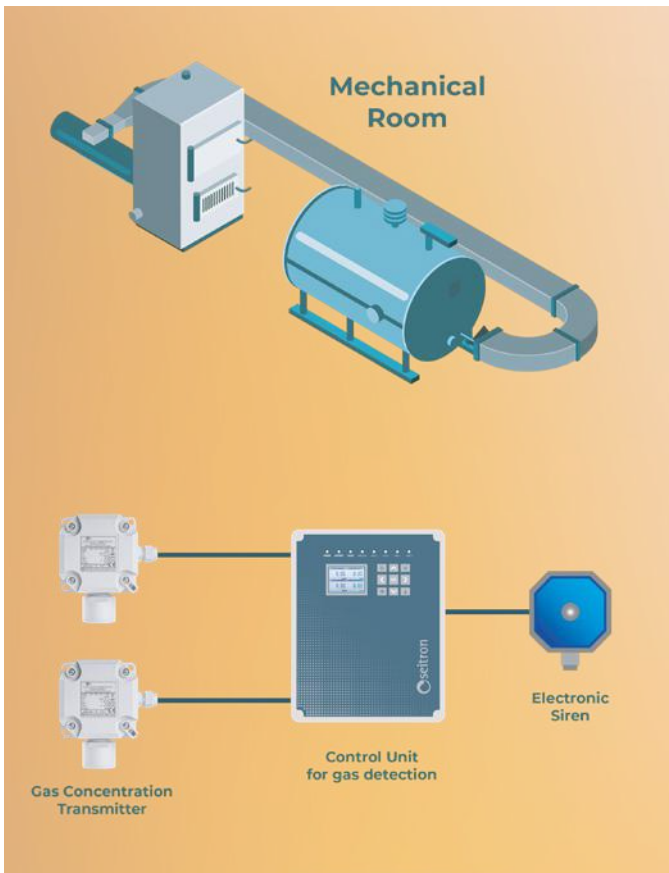
9 buttons keyboard

Power supply: 85 .. 254 Vac 50/60 Hz
12 Vdc

Inputs: 8 x 4..20 mA
1 external input for Fire Alarm
1 external input for Manual Reset

Modbus for up to 32 gas concentration transmitters

Outputs: 5 x 5 A 250 Vac SPDT





Single Gas



AVAILABLE GASES



Portable Gas Detector

- 24 months of continuous operation
- Reliable low level gas detection
- Solid and Robust
- Intrinsically Safe
- Fast Bump Test and calibration
- Self test function
- Event Logging download
- **ATEX/IECEX/QPS Approved**



II 1G Ex da ia IIC T4 Ga
 II 2G Ex db ia IIC T4 Gb
 II 1G Ex ia IIC T4 Ga



Main Applications of *be safe* line

- Site Maintenance
- Power Generation
- Water Management
- Aerospace
- Manufacturing
- Government & Defense
- Chemical and processing





Multi Gas



AVAILABLE GASES

O2	CO	NO	NO2	H2S
S02	H2	NH3	CL2	CH4



Portable Multi Gas Detector (up to 4 gases)

- Rechargeable Li-Ion battery powered (up to 18 hours of battery life)
- Protection Grade IP65
- LCD display for actual concentration values readout
- Buzzer, vibrating motor and LED for alarm signaling
- Solid and Robust
- Intrinsically Safe
- Fast Bump Test and calibration kit included
- **Available for ATEX Zone 1**
- **ATEX(*) /IECEX/QPS Approved**



II 1G Ex da ia IIC T4 Ga
 II 2G Ex db ia IIC T4 Gb
 II 1G Ex ia IIC T4 Ga



(*) Protection classification dependent on device configuration



- Steel and Heavy Industry
- First response and fire service
- Food & Beverage
- City and infrastructure
- Wastewaters treatment
- Sewer & Underground Safety



7899 . PORTABLE COMBUSTIBLE GAS LEAK DETECTOR

- => ppm => %vol => % L.E.L.
- 11" Flexible probe
- 6 "AAA" batteries
- Natural gas, Propane, Methane and all combustible gases
- Field replaceable sensor
- Hold: auto zero
- Lightweight
- Quick Response Time

7900 . PORTABLE COMBUSTIBLE GAS LEAK DETECTOR WITH RECHARGEABLE BATTERY

- => ppm => %vol => % L.E.L.
- 11" Flexible probe
- Rechargeable battery
- Natural gas, Propane, Methane and all combustible gases
- Field replaceable sensor
- Hold: auto zero
- Lightweight
- Quick Response Time
- AC Charger/Cord included



REFRIGERANT LEAK DETECTOR

be cool R1

- Sensor: with heated diode
- Minimum sensitivity: 3 g/year
- Display: LCD
- Refrigerants available: CFCs, HCFCs, HFCs, HCs and HFOs
- Flexible probe length: 16.5" (420mm)



AC/Refrigeration Range



4-Way Digital Manifold

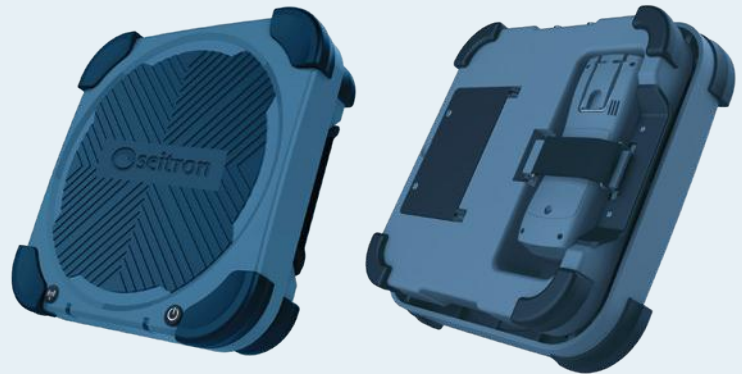
be cool M4

- Pressure reversal set by the user on the instrument
- Selection from more than 80 refrigerant gases (included R410, R32, R404)
- Intuitive and simple interface on a 5" touchscreen color display
- Real-time data analysis, also with mobile App
- Possibility to read and export data via USB
- Ideal for commissioning, servicing and maintenance of refrigeration and air conditioning systems and heat pumps

Refrigerant Scale (up to 100 kg / 220 lb)

be cool B100

- Stable and accurate sensor for a reliable measurement
- Robust aluminum scale, with impact-resistant rubber corners, easy to transport in the handy case
- Scale measurement with handheld controller or via smartphone



Smart Vacuum Gauge

be cool V1

- Simple data visualization on wide display
- Real-time data monitoring and transfer via mobile App
- Offline data recording

Training



Class Topics Include

Combustion Process:

- What is combustion?
- 3 T's of combustion (combustion theory)
- Excess air
- CO₂ (carbon dioxide)
- Direct O₂ vs. CO₂ (why measuring is important)
- CO (carbon monoxide)
- CO Safety
- Draft
- Heat exchanger test
- How to use analyzer
- Why perform combustion test and why use analyzers?
- Typical Combustion Results
- System Measuring points
- Why do we need to measure?
- How contractors can make money (\$\$) using an analyzer
- Atmospheric vs. High Efficiency condensing boilers / furnaces!
- Seitron's series of analyzers and leak detectors
- Combustible gas leak detection: soap bubbles vs. actual detection

Webinar Trainings Available!



Class Counts for:



2 NATE CEU Credits
The Gold Standard for HVACR Technician Certification

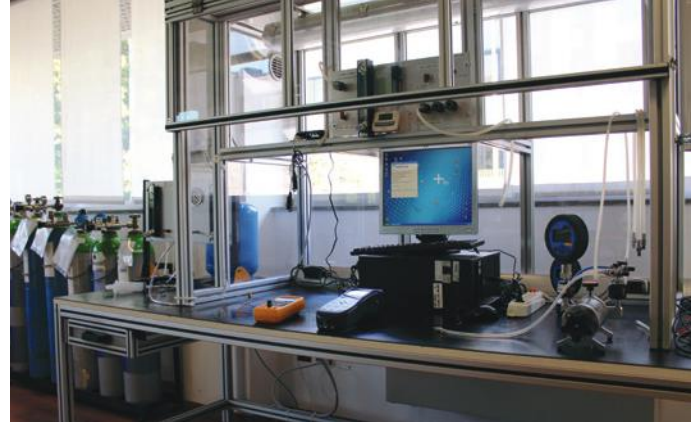


3 NORA CEU Credits
National Oil Heat Research Alliance

Maintenance and Service

A high-quality, up-to-date and certified instrument in compliance with current standards is essential in carrying out your work in the best possible way, while minimizing liability.

- Gases (O2, CO, CO2, NO, NO2, SO2, CxHy)
- Temperature
- Pressure
- Humidity
- Current
- Air Flow
- Refrigeration Gases



**24-48 Hr
Turnaround**



Services offered:

- Calibration
- Annual certification
- Training
- Repairs
- Field technical support in real time
- Field calibrations



On-Site Services



Calibration/Adjustments



Training

CONTACT INFO

service@seitronamericas.com

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Fax (215) 660-9770

For more information visit Customer Service page: www.seitronamericas.com

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