

MODEL 300 COMBUSTION ANALYZER

Now with Oxides of Nitrogen (NO_x) and Sulfur Dioxide (SO₂) measurement including a Retrofit Kit for current Model 300 owners

Six reasons make the Model 300 one of the most innovative portable combustion analyzers available today.

- PPM NO_x
- PPM SO₂
- Sensor status
- % O₂
- % Efficiency
- % Stack loss
- % CO₂
- Real time clock operation

Description

The Model 300 has been specifically created for small to large condensing and non-condensing furnaces and boilers.

At the heart of the Model 300 is a micro-processor that controls the sequences of operation while calculating burner efficiency.

Three easy-to-read, continuous LED readouts display the following information about the combustion process for seven selectable fuels:

- Stack temperature
- % Excess air
- PPM CO
- O₂ cell output

Programmed routines lead the operator through the proper procedures, signaling the appropriate action, and waiting until the correct steps are taken.

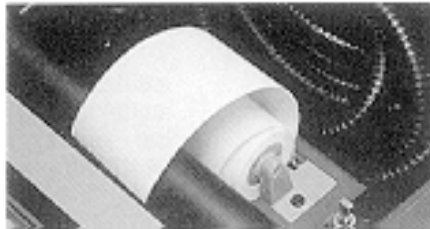
The Model 300 is available in several versions including:

- °F or °C temperature measurement.
- 120, 240 VAC or rechargeable batteries.
- With or without printer.
- Standard or Sievert formulas determining combustion efficiency.
- NO_x and SO₂ measurement versions.

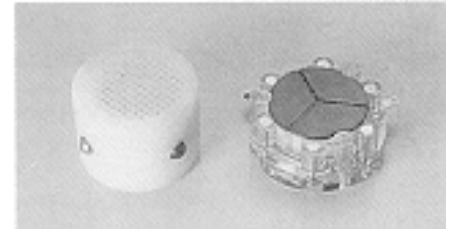
Features



Angled Display Panel: Unique design combined with large digital displays allows the operator to conveniently view the panel from his working position.



Optional Printer: Instrument features an optional printer, integral to the instrument, which provides a permanent record of displayed values.



Sensors: Unit utilizes from two to four electrochemical sensors: oxygen, carbon monoxide, oxides of nitrogen and sulfur dioxide. All sensors are externally mounted for fast, uncomplicated installation.



Industrial Probe and Hose Assembly: Stainless steel probe measures 11.5" and includes a sturdy probe clip, which secures the probe in the sampling hole during testing; sampling hose measures a lengthy 22'.



Rugged, Roomy Case: Carrying case easily accommodates probe, hose, with additional storage for other instruments and tools.

HOW TO ORDER MODEL 300 COMBUSTION ANALYZER

Standard Model 300 ⁽¹⁾		Model 300 with NO _x and SO ₂ Measurement 300 ⁽²⁾		Spare Parts Model 300 Versions	
Bacharach P/N	Description	Bacharach P/N	Description	Bacharach P/N	Description
24-8008	120VAC, W/O Printer, Standard	24-8020	Model 300 NX, 120VAC, NO _x measurement w/printer	24-0108	Replacement O ₂ Sensor
24-8009	120VAC, printer, Standard			24-0498	Replacement CO Sensor
24-8010	240VAC, W/O Printer, European-Siegert	24-8022	Model 300 NSX, 120VAC, NO _x and SO ₂ measurement w/printer	19-8001	Replacement NO _x Sensor
24-8011	240VAC, Printer, European- Siegert	24-8032	Model 300 NSXE, 240VAC, NO _x and SO ₂ measurement w/printer, European-Siegert	19-8002	Replacement SO ₂ Sensor
24-8012	240VAC, W/O Printer, Standard	24-8102	Model 300 NSXD, 240VAC, NO _x and SO ₂ measurement w/printer	24-7059	Portable CO Calibration Kit (W/O Gas)
24-8013	240VAC, Printer, Standard	24-8122	Model 300 NSXED, Battery, NO _x and SO ₂ measurement w/printer, European version	24-0492	CO Gas Cylinder, 500 ppm (For use with 24-7059)
		24-8132	Model 300 NSXB, Battery, NO _x and SO ₂ measurement w/printer		

(1) NO_x and SO₂ retrofit kits, printer retrofit kit and rechargeable battery options available

(2) European – Siegert versions and rechargeable battery options available