



Why Should You Use E Instruments Analyzers?



Field Replaceable Sensors

No more costly Downtime! Unit uses Pre-Calibrated, Field-Replaceable O₂ and CO Gas Sensors!

“TRUE” CO Measurement w/ NO_x Filter

In the combustion process, there is always NO & NO_x present and without the proper NO_x filtration your CO readings are inaccurate & sensors will have a shorter life!

CO Range (0 – 8000 ppm)

The higher range is ideal for the Boiler/Burner engineer allowing for proper installations & set-ups while saving the user from constantly having to purge or replace their lower range, inaccurate CO Sensors!



Internal Memory & PC Software

Each analyzer is equipped with internal memory (up to 900 Complete Tests) and a user friendly PC software package for virtually unlimited data storage on a computer.

BUILT-IN, Non-Thermal Printer

These are the **ONLY** multifunctional analyzers with the printer built-in to the tool itself using **NON-THERMAL** paper rolls (inexpensive & easy to find). Printer is also field-replaceable if needed with a simple plug-in feature!



Unbreakable Metal Connections

No more plastic parts on the analyzers & hoses that break!

English & Spanish Languages

The analyzer display screen, paper print out, and software are all available in English or Spanish languages.

Rugged Design

The units are built tough enough for the harshest boiler room environments and include a protective rubber holster with magnetic support!

Fastest Response Time

Our units are built with a stronger pump than most competitors, allowing for extremely fast & accurate results!

SUPERIOR Support & Service

Our customer support, service pricing, and fast service (calibrations & repairs) are the best in the industry!

Industrial hand-held combustion gas analyzer for emissions monitoring, efficiency testing, and maintenance use for boilers, burners, engines, furnaces, and other combustion applications.



E1100

Industrial Combustion Gas and Emissions Analyzer

- O₂, CO, & CO₂ Analyzer
- O₂ Sensor: 0 – 25 %
- CO Sensor: 0 – 8000 ppm
- Calculated CO₂
- Calculated Efficiency and Excess Air Values
- PC Software Package with Cable
- 10 Fuels (Natural Gas, #2 Oil, Propane, etc.)
- Draft & Differential Pressure
- Ambient Air & Flue Gas Temperature
- Built-In Non-Thermal Printer
- Internal Memory: up to 600 Complete Tests
- User Sensor Diagnostics
- Dual Hose Probe Connection
- External Water Trap with Filter Cartridge
- Rechargeable Battery Pack
- AC Battery Charger
- Protective Rubber Holster with Magnetic Support (for Hands-Free Operations)
- Calibration Certificate
- Vinyl Carrying Case with Shoulder Strap