

Technical Data Sheet

Combustion Analyzer

Emissions monitoring is vital to maintain your customer's equipment. Periodic combustion calibration is required according to the AERCO equipment's maintenance schedule. This portable analyzer has everything needed to measure, calibrate and record your combustion calibrations. For jurisdictions where measuring NO_x is required, an optional NO_x (NO + NO₂) sensor is available.

- O₂, CO, CO₂, Combustion Efficiency, Excess Air
- Upgradeable to NO/NO_x
- Wireless Bluetooth™ Printer Included
- Built-In Pressure Manometer
- Built-In Carbon Monoxide (CO) Leak Detector
- Outdoor Air Temp Measurement
- 600 Test Memory PC Software Kit & USB Cable
- High Efficiency & Condensing Boilers
- Draft & Differential Pressure
- Differential Pressure Hoses for Manometer (set of 2)
- Flue & Ambient Temperature
- Calibration Certificate w/ Data
- Pre Calibrated Field Replaceable Sensors
- Rubber Magnetic Boot Included
- Unbreakable Metal Connections
- Wireless Bluetooth
- 10 Fuels & Oils (Including Bio-Fuel)
- ONE Button Operation
- Zoom Feature
- IR Printer Port
- Unit prints to your existing HP-type IR printer
- Large Bright BLUE LCD Backlit Display
- Economical, Ergonomic, Compact, and Rugged
- Perfect for ANY Gas, Propane, Oil, Wood, Bio-Fuel and many more Applications
- 2-Year Unit & Sensor Warranty



Features

- 12" Probe Included with 10" Dual Hose for Gas & Draft Measurements
- Vinyl Carrying Case & Shoulder Strap
- Protective Magnetic Rubber Boot
- Li-Ion Rechargeable Battery w/ Charger
- Real Time Clock with Date & Time
- ONE Page Operation Guide
- Wireless Bluetooth
- PC Software & USB Kit
- NO_x Upgrade Option

Part Number	Description
69251	Combustion Analyzer (Without NO/NOx) & Wireless Bluetooth Printer
69252	Combustion Analyzer (With NO/NOx) & Wireless Bluetooth Printer
69255-1	Wireless Bluetooth Printer
69255-2	Replacement Filters (Pack of 5 filters)
69255-3	Differential Pressure Hoses for Manometer (Set of 2)
69255-4	External Temperature Probe
69255-5	PC Software Kit & Cable
69255-6	Thermal Printer Paper (Pack of 5)

Parameter	Sensor	Range	Resolution	Accuracy
O2	Electrochemical	0-25%	0.1%	+/-0.2% vol
CO	Electrochemical	0-8000 ppm	1 ppm	+/-10 ppm <400 ppm +/-5% rdg up to 2000 ppm
CO2	Calculated	0-99.9%	0.1%	
NO	Electrochemical	0-4000 ppm	1 ppm	+/-5 ppm <100 ppm +/-5% rdg up to 1000 ppm +/-10% rdg for >4000 ppm
NOx	Calculated	0-5000 ppm	1 ppm	
Tair	Pt100	-10 to 212°F	0.1°F	+/-1°F
Tgas	Tc K	-10 to 1830°F	0.1°F	+/-2°F
Differential Temp	Calculated	-10 to 1830°F	0.1°F	
Pressure/Draft	Semiconductor	+/-0 - 80 inH ₂ O	0.001 inH ₂ O	+/-1% [-4.014 - 0.806 inH ₂ O] +/-0.008 [-0.802 inH ₂ O] +/-1% [0.806 - 0.292 inH ₂ O]
Excess Air	Calculated	0 - 850%	1%	
Efficiency	Calculated	0 - 100%	0.1%	
Warranty	2 years: Analyzer + Sensors			



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