



Combustion Analyzers

Fyrite® Family of Products

Fyrite® Classic Fyrite® InTech® INSIGHT® Plus PCA® 3 ECA 450

WHAT THEY DO

- Combustion Efficiency Analyzer
- Room Air CO Test Instrument
- Flue Gas CO Test Instrument
- Dual Channel Digital Thermometer
- Digital Manometer
- Emissions Compliance Testing (NO, NO₂, SO₂)



WHAT THEY MEASURE

- Flue Gas Temperature
- Combustion Air/Ambient Air Temperature
- Pressure (Draft, Gas Pressure, Static Pressure)
- Oxygen Levels (O₂)
- Carbon Monoxide (CO)
- Carbon Monoxide (CO) High
- Carbon Dioxide (CO₂)
- Nitric Oxide (NO)
- Nitrogen Dioxide (NO₂)
- Sulfur Dioxide (SO₂)
- Hydrocarbons (HC)

WHAT THEY CALCULATE

- Combustion Efficiency
- Excess Air
- Carbon Monoxide Air Free (CO)
- Carbon Dioxide (CO₂)

WHAT THEY TEST

- Oil - #2
- Oil - #4
- Oil - #6
- Natural Gas, Propane, Kerosene
- Coal
- Bagasse
- Digester Gas
- Wood
- B5 (5% BioDiesel)

WHAT THEY FEATURE

- B-Smart® Sensors
- Field Replaceable Smart Sensors
- Color Graphic LCD Display
- Back Light
- Zoom
- Data Logging
- Printing Capability
- PC Download Capability
- Sensor Life Indicator
- Calibration Reminder
- Automatic CO Over Range Protection
- Warranty

WHAT CAN BE ADDED

- True Spot® Smoke Test Kit
- IrDA Printer/Built-In Printer
- Compact Sample Conditioner for Emission Compliance Testing

CERTIFICATIONS

- EN50379
- CE Mark

	Fyrite® Classic	Fyrite® InTech®	INSIGHT® Plus	PCA® 3	ECA 450
Combustion Efficiency Analyzer	✓	✓	✓	✓	✓
Room Air CO Test Instrument		✓	✓	✓	✓
Flue Gas CO Test Instrument		✓	✓	✓	✓
Dual Channel Digital Thermometer		✓	✓	✓	✓
Digital Manometer		✓	✓	✓	✓
Emissions Compliance Testing (NO, NO ₂ , SO ₂)		✓	✓	✓	✓
Flue Gas Temperature		✓	✓	✓	✓
Combustion Air/Ambient Air Temperature		✓	✓	✓	✓
Pressure (Draft, Gas Pressure, Static Pressure)		✓	✓	✓	✓
Oxygen Levels (O ₂)	✓	✓	✓	✓	✓
Carbon Monoxide (CO)		✓	✓	✓	✓
Carbon Monoxide (CO) High		✓	✓	✓	✓
Carbon Dioxide (CO ₂)	✓				
Nitric Oxide (NO)				✓	✓
Nitrogen Dioxide (NO ₂)				✓	✓
Sulfur Dioxide (SO ₂)				✓	✓
Hydrocarbons (HC)				✓	✓
Combustion Efficiency	w/ Slide Ruler	✓	✓	✓	✓
Excess Air		✓	✓	✓	✓
Carbon Monoxide Air Free (CO)		✓	✓	✓	✓
Carbon Dioxide (CO ₂)		✓	✓	✓	✓
Oil - #2	w/ Slide Ruler	✓	✓	✓	✓
Oil - #4	w/ Slide Ruler	✓	✓	✓	✓
Oil - #6	w/ Slide Ruler	✓	✓	✓	✓
Natural Gas, Propane, Kerosene	w/ Slide Ruler	✓	✓	✓	✓
Coal	w/ Slide Ruler	✓	✓	✓	✓
Bagasse		✓	✓	✓	✓
Digester Gas		✓	✓	✓	✓
Wood		✓	✓	✓	✓
B5 (5% BioDiesel)		✓	✓	✓	✓
B-Smart® Sensors		✓	✓	✓	✓
Field Replaceable Smart Sensors		✓	✓	✓	✓
Color Graphic LCD Display		✓	✓	✓	✓
Back Light		✓	✓	✓	✓
Zoom		✓	✓	✓	✓
Data Logging		✓	✓	✓	✓
Printing Capability		✓	✓	✓	✓
PC Download Capability		✓	✓	✓	✓
Sensor Life Indicator		✓	✓	✓	✓
Calibration Reminder		✓	✓	✓	✓
Automatic CO Over Range Protection		✓	✓	✓	✓
Warranty	1-year	2-years	2-years	2-years	2-years
True Spot® Smoke Test Kit	✓	✓	✓	✓	✓
IrDA Printer/Built-In Printer		✓	✓	✓	✓
Compact Sample Conditioner for Emission Compliance Testing		✓	✓	✓	✓
EN50379		✓	✓	✓	✓
CE Mark		✓	✓	✓	✓