

Fyrite® InTech™ Combustion Analyzer

Economical unit—ideal for residential and light commercial furnaces and appliances

The Fyrite InTech combustion analyzer provides accurate measurements of oxygen, carbon monoxide (depending on the model), stack temperature, and ambient temperature. The high-contrast, backlit LCD lets you see your results even in dimly lit areas. Front-panel arrow and function buttons allow easy navigation of the menu system to select parameter and display options. The B-Smart® sensor technology allows precalibrated CO sensor replacement in the field (order replacement sensors separately).

new



86505-70

- Works with natural gas, oil #2, oil #6, kerosene, propane, and biodiesel 5% (B5)
- Calculate CO₂, CO (air free), and excess air
- Store up to 10 records for recall on the display
- Easily navigate the menu system through the function and arrow buttons
- Time-and-date stamp your test results
- Auto power-off and sensor purge feature
- Select the display language from English, French, or Spanish
- Version with reporting kit includes an IrDA printer, USB cable, and software

SPECIFICATIONS

Parameter	Measuring range	Resolution	Accuracy
O ₂	0 to 20.9%	0.1%	±0.3%
CO	0 to 2000 ppm	1 ppm	±10 ppm from 0 to 200 ppm; ±5% from 201 to 2000 ppm
CO ₂ (calculated)	0.1 to a fuel-dependent max in %	0.1%	—
Flue temperature	−4 to 1202°F (−20 to 650°C)	1°F/C	±3.6°F (2°C) from 32 to 255°F (0 to 124°C); ±5.4°F (3°C) from 257 to 480°F (125 to 249°C); ±7.2°F (4°C) from 482 to 752°F (250 to 400°C)
Combustion efficiency (calculated)	0.1 to 100%	0.1%	—
Excess air (calculated)	1 to 250%	1%	—
Fuels	Natural gas, oil #2, oil #6, propane, kerosene, B5 (biodiesel 5%)		
Display	Backlit LCD		
Dimensions (W x H x D)	3 3/8" x 8" x 2 3/8" (91 x 203 x 58 mm)		
Power	Four AA alkaline batteries		

What's included: Probe and hose assembly, and four AA batteries.

Catalog No.	Model No.	Description
TS-86505-70	0024-8510	Fyrite InTech combustion analyzer with O ₂ sensor and soft carrying case
TS-86505-71	0024-8511	Fyrite InTech combustion analyzer with O ₂ /CO sensors and soft carrying case
TS-86505-72	0024-8523	Fyrite InTech combustion analyzer with O ₂ /CO sensors, rubber boot, and hard carrying case
TS-86505-73	0024-8512	Fyrite InTech combustion analyzer with O ₂ /CO sensors, reporting kit (IrDA printer, USB cable, software), rubber boot, and hard carrying case
Accessories		
TS-86505-79	0024-7265	CO sensor (not calibrated)
TS-86505-80	0024-1467	B-Smart CO sensor (precalibrated)
TS-86505-58	0104-1798	Type K thermocouple probe for flue measurements, 10 ft (3 m) length
TS-86495-81	0024-0788	Replacement O ₂ sensor
TS-86505-54	0024-1492	Reporting kit (IrDA printer, USB cable, and software)
TS-10111-31	0024-1400	IrDA printer with disposable batteries
TS-86505-55	0024-1310	Printer paper. 5 rolls/pk
TS-10111-43	0024-1127	Protective boot with magnet
TS-86505-74	0024-0865	Hard carrying case
TS-86505-75	0024-1505	NOx filter kit
TS-98821-17	0019-3265	Replacement water trap/filter assembly for probe
TS-86505-76	0007-1644	Replacement filters for water trap. 3/pk
TS-09386-01	—	Replacement batteries, AA. 4/pk