



Portable Combustion Analyzers

Units all utilize the B-Smart carbon monoxide (CO) sensor. INSIGHT Plus sensor measures 0 to 4000 ppm with integral NOx filter. InTech has 0 to 2000 ppm CO sensor. Feature internal sampling pump and print capability.

Fyrite INSIGHT Plus Combustion Analyzers—5-in-1 residential/commercial testers analyze steady-state combustion and efficiency of 9 selectable fuels. Backlit LCD with zoom and full-color display with dynamic graphing enhance combustion process analysis. O₂ sensor life indication. Proprietary Tune-Rite troubleshooting software is included.

- Color graph screens show stack hot spots and trending
- Measure combustion/ambient and flue gas temperature, O₂, CO, and draft/differential pressure

- Draft pressure: 100" WC
- Calculate CO₂, CO air free, and excess air

Fyrite InTech Residential Analyzers—Basic electronic analyzers calculate the efficiency of residential furnaces and combustion appliances. Lightweight and easy to use for routine service calls. Turn it on, select 1 of 6 fuels, and see quick results on the digital display.

- Measure stack and ambient temperature, O₂, and CO
- Calculate CO₂, CO air free, and excess air

Series	Combustion Efficiency	Primary/Ambient Air Temp.	Stack Temp.	Excess Air
InTech	0.1 to 100%	-4 to 212°F	-4 to 1202°F	0 to 250%
INSIGHT	0.1 to 100%	-4 to 600°F	-4 to 1202°F	0 to 250%



36M793

Carbon Monoxide Measurement Range	Includes	Mfr. Model	Item No.
Fyrite® INSIGHT® Plus Combustion Analyzers			
0 to 4000 ppm	4 AA Batteries, Hard Carry Case, Long Life O ₂ Sensor Installed, Probe, Rubber Boot, Spare Filters, User Manual	0024-8517	36M793
	8 AA Batteries, CO Sensor, Hard Carry Case, IrDA Printer, Long Life O ₂ Sensor Installed, Probe, Rubber Boot, Spare Filters, USB Cable, User Manual, User Software	0024-8518	36M794
Fyrite® InTech® Residential Combustion Analyzers			
0 to 2000 ppm	4 AA Batteries, Hard Carry Case, Probe, Rubber Boot, User Manual	0024-8523	36M790
	4 AA Batteries, Probe, User Manual And Soft Case	0024-8511	36M788
	8 AA Batteries, Hard Carry Case, Printer, Probe, Rubber Boot, Spare Filters, USB Cable, User Manual, User Software	0024-8512	36M789



36H452



3JYG6



787DK4

Combustion System Analyzer Kits

TESTO

- Measure O₂, CO, temperature, and draft pressure
- Calculate CO₂, excess air (EXA), and efficiency

Testers are ready to use after a fast, 30-sec. warmup. Magnetic back for hands-free operation. 2-line backlit display. Available with an IR printer.

TEST PRODUCTS INTL.

- Measure CO and CO₂
- Calculate O₂, efficiency, excess air, and ratio
- Analyze CO

Full-system diagnostic analyzers help reduce fuel costs.

UEI TEST INSTRUMENTS

787DK4 and 787DK5

- Measure O₂, CO₂, CO, inlet and flue temperature, and differential pressure
- Calculate efficiency, net temperature differential, excess air, and CO/CO₂ ratio

36H167

- Kit for gas leak detection and pressure measurement
- Dual-input to measure pressure to ±60 inWC (inches water column)

Senses combustible, noncombustible, and toxic gases. Includes combustible gas leak detector and electronic manometer. Measures in 11 scales: inH₂O, psi, bar, mBar, kPa, inHG, mmHG, ozin, FTH₂O, cmH₂O, and kg/cm.

O ₂ Concentration	CO Measurement Range (PPM)	CO ₂ Concentration	Primary/Ambient Air Temp.	Pressure/Draft	Excess Air	Includes	Mfr. Model	Item No.
Testo								
0 to 21.0 vol%	0 to 4000	0 to CO ₂ max Calculated	-4° to 212°F (20° to 100°C)	-16 to +16 In. WC - Pressure, -8 to +8 In. WC - Draft	0 to 100% Calculated	AC Adapter, Battery, Case, Certificate of Conformity, Extra Particulate Filters, Hose, Pressure Plugs, Probe With Cone, Sensors, Silicon Tubing	0563 3100	36H452
						AC Adapter, Pressure Plugs, Battery, Case, Certificate of Conformity, Extra Particulate Filters, Hose, Printer And 2 Rolls Of Paper, Probe With Cone, Sensors, Silicon Tubing	0563 3110	36H453
Test Products Intl.								
0 to 25%	0 to 10,000	0 To 25%	-58° to 1832°F (-50° to 1000°C)	-15 kPa to +15 kPa, -150 mBar to +150 mBar, -60 to +60 In. WC	0 to 250%	Flue Probe, Infrared Printer, K-Type Thermocouple, Mini Pump Protection Filter, Silicone Tubing, Soft Carrying Case	709A740	3JYG6
UEI Test Instruments								
0 to 21%	0 to 10,000	0 to 20%	32° to 112°F	±0.4 in WC to ±32 in WC	0 to 250%	(2) Wireless Pipe Clamp Probes, (2) Wireless Pressure Probe WPC2, CP2 Flue Probe, IRP-2 Infrared printer, Pouch/Cases: AC509, Printer Paper Roll:16646, Quick Start Guide, Rechargeable 3 (AA) Batteries, USB Cable, Water Trap, WIR00067 Charger	C165+KIT	787DK4
						1/4" NPT to Hose Barb Adapter, 6CMT9 digital manometer, 8EUN6 combustible gas leak detector, Batteries, Instructions, Sample Tube	C165+KIT-N	787DK5
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