

CO and Flue Gas Analyzers

Advanced electrochemical CO sensor is field replaceable and calibratable

Choose from a complete line of flue gas and CO analyzers. All units measure CO and depending on the model, you can additionally measure O₂, temperature, pressure, and NO. Calculate CO₂, gross or net efficiency, excess air, and NO_x. Fast purge and the ability to perform fuel selection during startup enable tests to be performed quickly without extra setup time.

- Will not shut off if 15 ppm CO is present for increased safety
- Pump driven for fast response times
- Optional IR printer for hard copies of test results



SPECIFICATIONS						
Model No.	707	708	709	712	716	716N
CO measurement	0 to 10,000 ppm	0 to 10,000 ppm	0 to 10,000 ppm	0 to 10,000 ppm	0 to 10,000 ppm	0 to 10% (100,000 ppm)
O ₂ measurement	—	0 to 25%	0 to 25%	0 to 25%	0 to 25%	0 to 25%
NO measurement	—	—	—	—	—	0 to 5000 ppm
NO _x (calculated)	—	—	—	—	—	0 to 5250 ppm
CO ₂ measurement	—	0 to 25%	0 to 25%	0 to 25%	0 to 25%	0 to 25%
CO/CO ₂ ratio	—	0 to 0.999	0 to 0.999	0 to 0.999	0 to 0.999	0 to 0.999
Combustible leak indication	—	—	—	Yes (for flue gases)	Yes	Yes
Pressure	—	—	Yes	Yes	Yes	Yes
Pressure differential	—	—	Yes	Yes	Yes	Yes
Stack temp (CH1)	—	Yes	Yes	Yes	Yes	Yes
Ambient temp (CH2)	—	Yes	Yes	Yes	Yes	Yes
Temperature differential	—	Yes	Yes	Yes	Yes	Yes
Excess-air	—	Yes	Yes	Yes	Yes	Yes
Air-free (CO)	—	Yes	Yes	Yes	Yes	Yes
Efficiency	—	Yes	Yes	Yes	Yes	Yes
Store memory	10	50	50	50	10	10
Logger memory	—	—	—	Yes	Yes	Yes
IrDA (optional printer)	—	—	—	Yes	Yes	Yes
Power	Three AA batteries	Three AA batteries	Three AA batteries	Rechargeable	Rechargeable	Rechargeable

NOTE: When selecting oil as fuel, use the optional oil filter 10104-18 or readings could become erratic.

What's included: CO sensor, flue probe, protective boot, soft carrying case, alkaline batteries or rechargeable batteries and charger.

Catalog No.	Model No.	Description
TS-10114-02	707	Single-gas CO analyzer; with pump-protecting filter assembly and in-line filter assembly
TS-10114-03	708	Combustion efficiency analyzer, CO analyzer, and differential thermometer; with stack probe with water/filter trap, and mini in-line pump filter
TS--10115-30	709	Flue gas analyzer for combustion efficiency, combustible gas, CO analyzer, differential thermometer and differential manometer; with type K thermocouple probe, in-line filter, mini-pump protector, and exhaust spigot
TS-10114-04	712	Flue gas analyzer for combustion efficiency, combustible gas, CO analyzer, differential thermometer, and differential manometer; with type K thermocouple probe, in-line filter, mini-pump protector, and exhaust spigot
TS-10115-28	716	Flue gas analyzer for combustion efficiency, CO analyzer, differential thermometer and differential manometer; with stack probe with water/filter trap, combustible gas leak probe, PVC tubing, and spare particle filters
TS-10115-29	716N	Flue gas analyzer for automotive, industrial and emission applications where high CO or NO _x measurements are needed, high CO analyzer, NO & NO _x analyzer, and differential thermometer; with stack probe with water/filter trap, PVC tubing, and spare particle filters
Accessories		
TS-10114-11	A740	Portable infrared printer
TS-10114-12	A746	Replacement printer paper. 10 rolls
TS-10114-16	A766	AC charger adapter
TS-10114-13	A760	Replacement CO sensor
TS-10114-14	A761	Replacement O ₂ sensor
TS-10114-18	A773	Sulfur filter for oil
TS-10114-09	A728	Calibration gas
TS-10114-15	A762	In-line filter assembly
TS-10114-20	A799	Filter for working with condensing or high-efficiency boilers
TS-10115-32	A807	Software and cable for communication to PC. For models 716 and 716N only.