

Industrial

Emissions Analyzers Selection Guide



PARAMETERS	S1500-NP	S1500	S4500	S6000
# of gases	2	2	3 or 4	5 or 6
O ₂ Long Life, 0 - 25.0%	✓	✓	✓	✓
CO, 0 - 8,000 ppm	✓	✓	✓	✓
Calculated CO ₂	✓	✓	✓	✓
CO ₂ Sensor for Direct Measurement (0 .. 50%)	-	-	-	✓
Automatic CO Dilution Auto-Range	✓	✓	✓	✓
NO Sensor, 0 - 5,000 ppm	-	-	✓	✓
NO ₂ Sensor, 0 - 1,000 ppm	-	-	Optional	Optional
SO ₂ Sensor, 0 - 5,000 ppm	-	-	Optional	Optional
Low NO, NO ₂ , SO ₂ Sensor, 0 - 100.0 ppm	-	-	Optional	Optional
CxHy (HC) Pellistor, 0 - 5% vol CH ₄	-	-	Optional	Optional
H ₂ S Sensor (standard or low range)	-	-	-	Optional
H ₂ Sensor, 0 - 2,000 ppm	-	-	-	Optional
NH ₃ Sensor, 0 - 500.0 ppm	-	-	-	Optional
CH ₄ NDIR Sensor, 0 - 100% v/v	-	-	-	Optional

FEATURES

BUILT-IN Printer (NON-FADING PAPER)	-	✓	✓	✓
Wireless Bluetooth Printer	Optional	-	-	-
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓	✓
Reporting & Storage Software with Bluetooth	✓	✓	✓	✓
Real-Time Software & Data Logging	-	-	-	-
Internal Memory	2,000 Tests	2,000 Tests	2,000 Tests	2,000 Tests
Automatic Data Logging	✓	✓	✓	✓
External Cooler	-	-	-	Optional
Draft / Differential Pressure	✓	✓	✓	✓
Gas Velocity	✓	✓	✓	✓

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PARAMETERS	S9000	S9000-RACK
# of gases	up to 12	up to 6
Heated Hose & Probe Head	Optional	Optional
Continuous 24/7 Measurement	-	✓
O ₂ Long Life, 0 - 25.0%	✓	✓
CO, 0 - 8,000 ppm	✓	✓
Calculated CO ₂	-	-
CO ₂ Sensor for Direct Measurement (0 .. 50%)	Optional	Optional
Automatic CO Dilution Auto-Range	✓	✓
NO Sensor, 0 - 5,000 ppm	✓	✓
NO ₂ Sensor, 0 - 1,000 ppm	Optional	Optional
SO ₂ Sensor, 0 - 5,000 ppm	Optional	Optional
Low NO _x / SO ₂ Sensor, 0 - 500.0 ppm	Optional	Optional
C _x H _y (HC) Pellistor, 0 - 5% vol CH ₄	Optional	Optional
H ₂ S Sensor (standard or low range)	Optional	Optional
H ₂ Sensor, 0 - 2,000 ppm	Optional	Optional
NH ₃ Sensor, 0 - 500.0 ppm	Optional	Optional
NDIR Bench configured for one or more gases of the following: CO ₂ (0 - 50%), CO (0 - 15%) & HC (calibrated for CH ₄ or C ₃ H ₈)	Optional	Optional

FEATURES

Calculated CO ₂ , Efficiency, & Excess Air	✓	✓
BUILT-IN Printer (NON-FADING PAPER)	✓	-
Wireless Bluetooth Printer	-	Optional
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓
Reporting & Storage Software with Bluetooth	✓	✓
Real-Time Software & Data Logging	✓	✓
Internal Memory	16,000 Tests	Data saved via Modbus® on PC
Automatic Data Logging	✓	✓
Built-In Thermo-Electric Peltier Chiller	Optional	✓
Draft / Differential Pressure	✓	✓
Gas Velocity	✓	✓