

# Industrial

## Emissions Analyzers Selection Guide



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



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

## FEATURES

Calculated CO <sub>2</sub> , 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	✓	✓