

Commercial HVAC

Combustion & Emissions Analyzers Selection Guide



PARAMETERS	Novo 1	Novo 1P	S500-3	S500-3P	Novo 3	Novo 4
# of Gases	2	2	2-3	2-3	3-4	4
O ₂ Long Life, 0 - 25.0%	✓	✓	-	-	✓	✓
O ₂ Standard, 0 - 25.0%	-	-	✓	✓	-	-
CO ₂ , (Calculated from O ₂), 0 - 100%	✓	✓	✓	✓	✓	✓
CO Measurement w/NOx filter, 0 - 8000 ppm	✓	✓	-	-	✓	✓
CO Auto Dilution (0 - 10%) High Range	✓	✓	-	-	✓	✓
NOx included 5,000 ppm	-	-	✓	✓	✓	✓
Low-NOx Capable 0 - 500.0 ppm	-	-	-	-	✓	✓
TOTAL NOx (NO + NO ₂ Included)	-	-	-	-	-	✓
Ambient Temperature Measurement	✓	✓	✓	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓	✓	✓	✓
Differential Pressure Manometer	✓	✓	✓	✓	✓	✓
Draft Measurement	✓	✓	✓	✓	✓	✓
Excess Air	✓	✓	✓	✓	✓	✓
Ambient CO Monitor	✓	✓	✓	✓	✓	✓
Capable of measuring NO ₂ , SO ₂ , CxHy	-	-	-	-	-	✓
High Altitude Adjustment	✓	✓	✓	✓	✓	✓
FEATURES						
Built-In Printer (Non-Fading Paper)	-	✓	-	-	✓	✓
Wireless Bluetooth® Printer	Optional	✓	Optional	✓	-	-
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓	✓	✓	✓
Mobile App + QR code	✓	✓	✓	✓	✓	✓
PC Software	✓	✓	-	-	✓	✓
Automatic data Logging	✓	✓	✓	✓	✓	✓
Combustion Efficiency Measurements for All Atmospheric & Condensing Systems	✓	✓	✓	✓	✓	✓
Internal Memory (# of Tests)	2,000	2,000	5	5	2,000	2,000
Rechargeable Battery w/ AC Charger	✓	✓	✓	✓	✓	✓
Display Screen	7" Touch Screen	7" Touch Screen	One color	One color	7" Touch Screen	7" Touch Screen
Carrying Case	Hard	Hard	Hard	Hard	Hard	Hard

(*): Mobile App only for QR code

Novo Series

Combustion Analyzers Selection Guide



PARAMETERS	Novo 1	Novo 1-P	Novo 3	Novo 3-P	Novo 4	Novo 4-P
# of Gases	2	2	3	3	4	4
O2 Long-Life (4 years)	✓	✓	✓	✓	✓	✓
CO2, (Calculated from O2), 0 - 100%	✓	✓	✓	✓	✓	✓
CO Measurement w/NOx filter, 0 - 8000 ppm	✓	✓	✓	✓	✓	✓
CO Over Range Protection 0 - 100,000 ppm	✓	✓	✓	✓	✓	✓
NO/NOx included 0 - 5,000 ppm	-	-	✓	✓	✓	✓
Low-NOx Capable 0 - 500.0 ppm	-	-	✓	✓	✓	✓
TOTAL NOx (NO + NO2 Included)	-	-	-	-	✓	✓
Ambient Temperature Measurement	✓	✓	✓	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓	✓	✓	✓
Differential Pressure Manometer	✓	✓	✓	✓	✓	✓
Draft Measurement	✓	✓	✓	✓	✓	✓
Excess Air Calculation	✓	✓	✓	✓	✓	✓
Ambient CO Monitor	✓	✓	✓	✓	✓	✓
Simultaneous Measurement of Combustion + Pressure	✓	✓	✓	✓	✓	✓
Capable of measuring NO2, SO2, CxHy, H2S, H2, NH3, Direct CO2	-	-	-	-	✓	✓
High Altitude Adjustment	✓	✓	✓	✓	✓	✓

FEATURES

Built-In Printer (Non-Fading Paper)	Optional	✓	Optional	✓	Optional	✓
Wireless Bluetooth® Printer	Optional	-	Optional	-	Optional	-
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓	✓	✓	✓
Mobile App + QR code	✓	✓	✓	✓	✓	✓
PC Software	✓	✓	✓	✓	✓	✓
Automatic data Logging	✓	✓	✓	✓	✓	✓
Combustion Efficiency Measurements for All Atmospheric & Condensing Systems	✓	✓	✓	✓	✓	✓
Rechargeable Battery w/ AC Charger	✓	✓	✓	✓	✓	✓
Display Screen	7" Touch	7" Touch	7" Touch	7" Touch	7" Touch	7" Touch
Carrying Case	Hard	Hard	Hard	Hard	Hard	Hard