

# Commercial HVAC Combustion Analyzers

## E Instruments Flue Gas Analyzer Guide



Built with Quality in Mind

Model	1500-NP	1500-1	900-3	900-3P	4500-3	4500-4
<b>PARAMETERS:</b>						
# of Gases	2	2	2-3	2-3	3-4	4
O <sub>2</sub> Measurement, 0 - 25.0%	✓	✓	✓	✓	✓	✓
CO <sub>2</sub> (Calculated from O <sub>2</sub> ), 0 - 100%	✓	✓	✓	✓	✓	✓
CO Sensor w/ NO <sub>x</sub> Filter, 0 - 8,000 ppm	—	—	✓	✓	✓	✓
CO Auto Dilution (0 - 10%) High Range	—	—	—	—	✓	✓
NO/NO <sub>x</sub> Sensor 0 - 5,000 ppm	—	—	✓	✓	✓	✓
TOTAL NO <sub>x</sub> (NO + NO <sub>2</sub> Included)	—	—	—	—	✓	✓
Low NO Sensor 0 - 100.0 ppm	—	—	✓	✓	✓	✓
Combustion Efficiency & Losses	✓	✓	✓	✓	✓	✓
Ambient Temperature Measurement	✓	✓	✓	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓	✓	✓	✓
Differential Pressure Manometer	✓	✓	✓	✓	✓	✓
Draft Measurement	✓	✓	✓	✓	✓	✓
Excess Air Measurement	✓	✓	✓	✓	✓	✓
Ambient CO Monitor	✓	✓	✓	✓	✓	✓
<b>FEATURES:</b>						
BUILT-IN Printer (NON-FADING PAPER)	—	✓	—	—	✓	✓
Wireless BLUETOOTH Printer	—	—	—	✓	—	—
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓	✓	✓	✓
Mobile App  	✓	✓	—	—	✓	✓
PC Software & USB Cable & Bluetooth	✓	✓	✓	✓	✓	✓
Automatic Data Logging	—	—	—	—	✓	✓
Combustion Efficiency Measurements For ALL Atmospheric & Condensing Systems	✓	✓	✓	✓	✓	✓
Internal Memory (# of Tests)	2,000	2,000	600	600	2,000	2,000
Rechargeable Battery w/ AC Charger	✓	✓	✓	✓	✓	✓
Display Screen	Multicolor	Multicolor	Monochromatic	Monochromatic	Multicolor	Multicolor

### Ordering Information

Model No.	Description	Model No.	Description
BTU1500-1	1500 with O <sub>2</sub> , CO <sub>2</sub> , CO, <b>BUILT-IN PRINTER</b>	BTU900-3	900 with O <sub>2</sub> , CO <sub>2</sub> , CO, <b>NO/NO<sub>x</sub> Gas Sensor Installed</b>
BTU1500-Oil	Standard 1500-1 Kit <b>PLUS: Oil Smoke Pump Kit</b>	BTU900-3P	Standard 900-3 Kit <b>PLUS: Wireless Bluetooth Printer</b>
BTU1500-DP	Standard 1500-1 Kit <b>PLUS: Differential Pressure Kit</b>	BTU900-C	900 with O <sub>2</sub> , CO <sub>2</sub> , CO, <b>CxHy Gas Sensor Installed</b>
BTU1500-NP	1500 with O <sub>2</sub> , CO <sub>2</sub> , CO, <b>NO Printer</b>	BTU900-CP	Standard 900-C Kit <b>PLUS: Wireless Bluetooth Printer</b>
BTU1500-NP-Oil	Standard 1500-NP Kit <b>PLUS: Oil Smoke Pump Kit</b>	BTU4500-2	4500 with O <sub>2</sub> & CO <b>Upgradeable to NO/NO<sub>x</sub> Gas Sensor</b>
BTU1500-NP-DP	Standard 1500-NP Kit <b>PLUS: Differential Pressure Kit</b>	BTU4500-3	4500 with O <sub>2</sub> , CO, <b>NO/NO<sub>x</sub> Upgradeable 4th Gas Sensor</b>
		BTU4500-N	4500 with O <sub>2</sub> , CO, <b>NO/NO<sub>x</sub>, NO<sub>2</sub> Gas Sensors</b>
		BTU4500-S	4500 with O <sub>2</sub> , CO, <b>NO/NO<sub>x</sub>, SO<sub>2</sub> Gas Sensors</b>
		BTU4500-C	4500 with O <sub>2</sub> , CO, <b>NO/NO<sub>x</sub>, CxHy Gas Sensors</b>

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