



Residential HVAC Combustion Analyzers

E Instruments Combustion Analyzer Guide



Built with Quality in Mind



Model	500-1	500-2	500-2P	1500-NP	1500-1
PARAMETERS					
O ₂ Measurement, 0 - 25.0%	✓	✓	✓	✓	✓
CO ₂ (Calculated from O ₂), 0 - 100%	✓	✓	✓	✓	✓
CO Measurement w/ NOx Filter, 0 - 4,000 ppm	✓	✓	✓	—	—
CO Measurement w/ NOx Filter, 0 - 8,000 ppm	—	—	—	✓	✓
Calculated Combustion Efficiency	✓	✓	✓	✓	✓
Ambient Temperature Measurement	✓	✓	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓	✓	✓
Differential Pressure Manometer	✓	✓	✓	✓	✓
Draft Measurement	✓	✓	✓	✓	✓
Excess Air Measurement	✓	✓	✓	✓	✓
Ambient CO Monitor	—	✓	✓	✓	✓
FEATURES					
BUILT-IN Printer (NON-FADING PAPER)	—	—	—	—	✓
Wireless BLUETOOTH Printer	—	Option	✓	—	—
FIELD-REPLACEABLE Pre-Calibrated Sensors	—	—	—	✓	✓
Mobile App  	—	✓	✓	✓	✓
PC Software & USB Cable	—	—	—	✓	✓
Combustion Efficiency Measurements For ALL Atmospheric & Condensing Systems	✓	✓	✓	✓	✓
Internal Memory (# of Tests)	5	5	5	2,000	2,000
Rechargeable battery w/ AC Charger	✓	✓	✓	✓	✓
Display Screen	One Color	One Color	One Color	Multicolor	Multicolor
Carrying Case	ABS	ABS	ABS	Vinyl/ABS	Vinyl/ABS

Ordering Information

Model No.	Description
BTU500-1	500 with O ₂ , CO ₂ , & CO
BTU500-2	500 with O ₂ , CO ₂ , & CO, IOS & Android App
BTU500-2P	500 with O ₂ , CO ₂ , CO, Wireless Printer Included, Bluetooth, IOS & Android App
BTU1500-1	1500 with O ₂ , CO ₂ , CO, BUILT-IN PRINTER
BTU1500-Oil	Standard 1500-1 Kit PLUS: Oil Smoke Pump Kit
BTU1500-DP	Standard 1500-1 Kit PLUS: Differential Pressure Kit
BTU1500-NP	1500 with O ₂ , CO ₂ , CO, NO PRINTER, Bluetooth, IOS & Android App
BTU1500-NP-Oil	Standard 1500-NP Kit PLUS: Oil Smoke Pump Kit
BTU1500-NP-DP	Standard 1500-NP Kit PLUS: Differential Pressure Kit

