

COMBUSTION MADE EASY

1.800.547.5740 • WWW.UEITEST.COM/SMARTBELL













What Does EOS Technology Do For Me?

Our new Electro-Optical Sensor lowers the cost of ownership by doing away with the annual replacements of the O2 sensor and reducing calibration drifting typically found with standard electro-chemical sensors. This long life sensor is warranted for 5 years and has an unmatched industry-leading life expectancy of 10 years!

Does Technology Have To Be Complex?

No, if a product is designed right it should make your tasks easier. We've designed this combustion meter with that thought in mind. During startup, simply turn the meter dial to select the desired fuel, when ready select the measurement parameter and start testing the performance of your combustion equipment. No complex buttons. No detailed navigation.

Will The Smart Bell Really Save Me That Much Time?

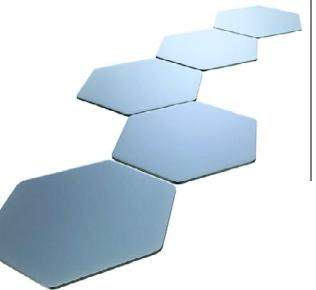
Traditional methods using "dumbbell" shakers often take 15 to 20 minutes to perform and only provide a snap shot of a system's performance. Once adjustments are made the process needs to be repeated to verifiy that the corrections achieved the desired result. Don't be fooled by instruments that only sample results instead of reading them. A snap shot of a system's performance, through traditional or digital means, is not actual combustion testing. The Smart Bell provides instantaneous and continuous reading while adjustments are being made giving you real-time results and saving precious time

Should I Buy A Combustion Meter Or Analyzer?

The Smart Bell is designed for contractors currently testing with traditional wet chemical kits, new to combustion testing, or where the cost of a high-end analyzer may be a prohibiting factor. The Smart Bell is a great first step into measuring a system's performance and overall digital combustion technology.







SMART BELL FEATURES

- Real Time Analysis
- NEW EOS Technology
 Direct CO2 Measurements
 No Sensor Replacements
 Extended Long Life CO2 Sensor
- Measures
 CO2 Carbon Dioxide
 Flue Temperature
- Calculates
 02
 Efficiency
 Excess Air
 Net Temperature
- Pre-Programmed Fuels
 Light Oil, Propane, Natural Gas, Heavy Oil, and Wood
- 5 Year Limited Warranty (10 year sensor life expectancy)
- Includes

Probe, Storage Case, Owner's Manual and Quick Start Guide

SMART BELL	EAGLE I: C75	EAGLE II: C125	EAGLE III: C127	
Combustion Meter	Combustion Analyzer	Combustion System Analyzer		
Measures: CO2 Flue Temp Caculates: O2 Net Temp Efficiency Excess Air EUS Technology	Messures: 02 03 03 Calculates Calculates: 00.2 CO.2 Excess Air Features: Frincing Capabilities 20 Memory Positions 2 Line Display	.0.01"/0.001" wg)	Find Replacement Sensor 179 Memory Positions 4 Line Display All EAGLE II: C125 Features Plus	
SMATT BELL	02	02 28,9 CO 88 TF 8C P 2.9	02 28,9 CO 88 P 8.88 NO 88	

SMART BELL SPECIFICATIONS

Resolution	Accuracy	Range	
1.0 °F	±(0.3% reading ±5 °F (2°C))	32-1112 °F (0-600°C)	
1.0 °F	\pm (0.3% reading \pm 5 °F (2°C))	32-1112 °F (0-600°C)	
0.1%	±0.2% reading	0-30%	
0.1%	±1.0% reading	0-99.9%	
0.1%	±0.2%	0-250%	
Natural Gas, Light Oil, Propane, Wood, Heavy Oil.			
1 l b 7" x 2" x 31/4" 4" x 1/4" stainless steel shaft nominal 36" neoprene hose.			
+32°F to 104°F 10% to 90% RH non- condensing 850 to 1100 mmHg atmospheric pressure			
4 AA cells >8 hours using Alkaline AA cells			
	1.0 °F 1.0 °F 0.1% 0.1% 0.1% Natural Gas, Light 1 I b 7" x 2" x 31/4" 4" x 1/4" stainless nominal 36" neopr +32°F to 104°F 10% to 90% RH no 850 to 1100 mmHg	1.0 °F ±(0.3% reading ±5 °F (2°C)) 1.0 °F ±(0.3% reading ±5 °F (2°C)) 1.0 °F ±(0.3% reading ±5 °F (2°C)) 2.2% reading ±1.0% reading ±1.0% reading ±0.2% Natural Gas, Light Oil, Propane, Wood, Heavy 1 b 7" x 2" x 31/4" 4" x 1/4" stainless steel shaft nominal 36" neoprene hose. +32°F to 104°F 10% to 90% RH non- condensing 850 to 1100 mmHg atmospheric pressure 4 AA cells	

Calculated assuming fuel lean combustion.



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