



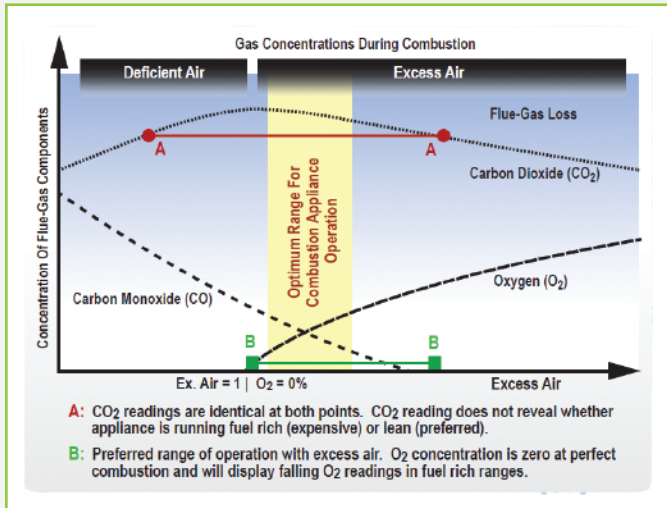
A Guide to Bacharach's Combustion Analyzers

# THE MEASURABLE DIFFERENCE

## For over 100 years Bacharach combustion analyzers have been

### Take the Right Measurements - CO<sub>2</sub> vs O<sub>2</sub>

Sensors Matter! Measure O<sub>2</sub> Directly for the Most Accurate and Efficient Combustion Readings



Bacharach chooses to have their analyzers measure oxygen directly, because for a more perfect combustion process oxygen levels must be lower. If you are measuring CO<sub>2</sub> readings, then they can be the same on both the excess fuel and excess air sides of the combustion process, leaving the possibility of Making extra adjustments to the appliance and analyzer, which cost you more time and money. Today oxygen sensors life virtually matches that of the CO<sub>2</sub> sensors. Choosing to measure oxygen and not CO<sub>2</sub> provides you with more accuracy and time savings making a measurable difference in less time and money for technicians.

### B-SMART® SENSORS

#### Easy FIELD User-Replaceable Sensors Make Maintenance Simple

Sensors are an essential part of combustion analysis. Advances in technology enable longer sensor life and reliability, but they still require periodic calibration and replacement. CO and other sensors require yearly calibration to maintain accuracy. Bacharach analyzers are designed with user-replaceable B-Smart® sensors to minimize the instrument downtime and factory service costs due to depleted sensors. Bacharach's B-Smart® Sensor Exchange program provides you with pre-calibrated sensors so you can easily change them without the hassle or remembering calibration dates or needing to buy cal gas. Sign up for Bacharach's B-Smart Sensor exchange program at:

[MyBacharach.com/b-smart](http://MyBacharach.com/b-smart)



### BACHARACH REPORTING APP

#### Quickly Create Customized Reports Using Your Smartphone or Tablet

The Bacharach Reporting App is a user-friendly method for getting your combustion data into the "real world." Simply scan the QR code on your analyzer then view, save and email your data. Up to 100 records can be saved to your mobile device. Any of these records can be used to generate a custom as-found / as-left report, which can include technician/company information, company logo and customer information.



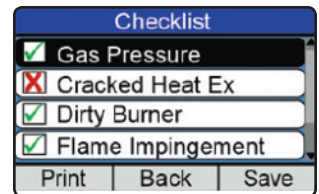
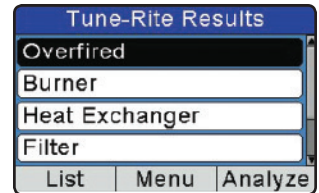
# made in America with a wealth of combustion analysis experience.

## INDUSTRY-EXCLUSIVE TUNE-RITE™

### HVAC Assistant Makes Combustion Analysis Easy!

Bacharach's Tune-Rite™ is your exclusive on-demand "assistant." Generate more business by making more thorough and efficient service calls. While Tune-Rite™ watches the combustion process along with you - in real time - determining if the system is operating within acceptable parameters. If it is, Tune-Rite™ will confirm. If the system is not performing in an acceptable range, Tune-Rite™ quickly provides helpful troubleshooting recommendations to adjust the system as needed.

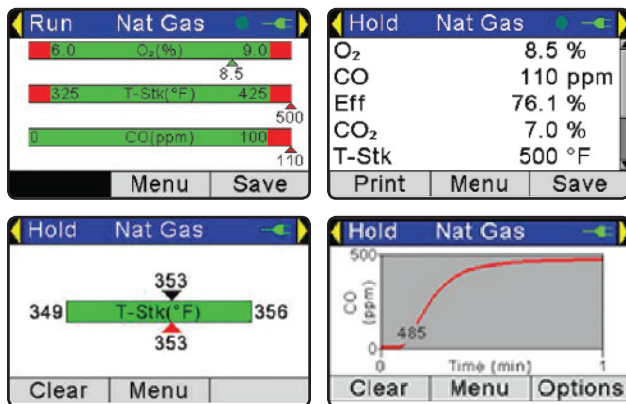
Learn more at: [MyBacharach.com/tunerite](http://MyBacharach.com/tunerite)



## Customize the Data You Need to See

Displaying Key Measurements Together Makes The Difference

Data can be viewed in list (text), tile, bar graph and trending formats to easily analyze your information and results. You can further customize the PCA 400 to show all the parameters in the order of your liking.



## Easy Maintenance

For Long-life Performance and Lowest Cost of Ownership

Bacharach makes maintenance easy with quick access to Sensors, batteries, probes and other consumable parts keeping costs low and reducing downtime. Bacharach instruments are designed to make periodic maintenance easy and affordable with self-diagnostics and easy access to user-replaceable sensors.



## Decide Which Analyzer is Right for You



PCA® 400



INSIGHT® PLUS



INTECH™

Unique Features			
Real time data streaming via Bluetooth (registration)	●		
Includes exclusive Tune-Rite™ on demand assistant		●	
Compatible with Bacharach Reporting App	●	●	●
User-replaceable, pre-calibrated B-Smart® sensors	●	●	●
Graphic display with backlighting / zoom	4.3" color touchscreen	2.8" color	2.7" monochrome
Dynamic info-graphic visuals		●	
Optional wireless printer available	●	●	●
Detachable probe	●	●	●
Data / Durability Features			
Internal storage capacity (# of complete tests)	500	100	10
Customizable limits for combustion parameters	●	●	
User ID and custom logo on printout	●	●	●
Download stored data to PC	●	●	
Assign location / test ID with test result data	●	●	
Pre-programmed fuels (10 for all Siegert versions)	10	9	6
Protective magnetic rubber boot	built-in	standard	optional
Sensor / Measurement Capabilities			
Single probe connection	●		
Sensor protection features	●	●	●
Draft / pressure measurement	●	●	
CO sensor range (ppm)	0-10k 0-40k optional	0-4,000	0-2,000
CO sensor with integral NO <sub>x</sub> filter	●	●	
CO sensor - H <sub>2</sub> compensated	●		
O <sub>2</sub> sensor life	5 years	3 years	2 years
NO and NO <sub>2</sub> sensors available	●		
NO and SO <sub>2</sub> sensors available	●		
T-air port for remote ambient temperature	●	●	

<sup>(1)</sup> Available as manually-saved or datalogged records



THE MEASURABLE DIFFERENCE

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