

# FEATURES & BENEFITS



## Portable Combustion Analyzer

Feature	Benefit
<ul style="list-style-type: none"> <li>• Full color (320 x 240 pixel) graphic display</li> </ul>	<p>Provides superior visibility of readings and user-friendly menu system even in low light conditions. Graphic “buttons” are easy to see and clearly depict menu options.</p>
<ul style="list-style-type: none"> <li>• Zoom-display feature</li> </ul>	<p>Combustion test data in the Run/Hold screen can be shown with enlarged characters to make viewing easier. Users can set zoom levels from Standard viewing to 2X or 3X size with easy setup.</p>
<ul style="list-style-type: none"> <li>• Dimming mode function</li> </ul>	<p>Auto-dimming of the backlit display conserves battery life and can almost double the run time. When the pump is not running, or it is not in Run Mode for 5 minutes, the display will dim by 50%, then after another 5 minutes to 30%, and finally after another 5-minutes it will dim to 7%.</p>
<ul style="list-style-type: none"> <li>• Unique B-Smart<sup>®</sup> pre-calibrated sensor options</li> </ul>	<p>Easy field-replaceable B-Smart<sup>®</sup> sensors eliminate downtime and saves time and money. Contractors can purchase the sensors or sign up for Bacharach’s B-Smart<sup>®</sup> Sensor Exchange Program which provides users with pre-calibrated sensors delivered to the contractor every 9 months for a 3-year period.</p>
<ul style="list-style-type: none"> <li>• 10 pre-programmed fuels plus the ability to load custom fuels</li> </ul>	<p>Easy menu selection to switch from one fuel to another depending on the fuel type. Custom fuels are easily added to the instrument using the Fyrite<sup>®</sup> User software and are retained in memory for future selection from the fuel type menu.</p>
<ul style="list-style-type: none"> <li>• Automatic CO over-range protection on CO (low) sensor</li> </ul>	<p>Automatic sensor protection preserves the life and integrity of the CO (Carbon Monoxide) sensor when it is exposed to &gt;4,000 ppm. If a CO (high) sensor is installed then it switches to that sensor for reading while flushing the CO (low) sensor for uninterrupted readings.</p>



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<ul style="list-style-type: none"> <li>Powered by 4 “AA” alkaline batteries (included) or “AA” NiMH rechargeable batteries</li> </ul>	<p>Convenience – “AA” batteries are available everywhere. (Note: If NiMH batteries are installed, the instrument cannot be used to recharge the batteries.)</p>
<ul style="list-style-type: none"> <li>Alternate universal AC power adapter (110 – 240 VAC) is available</li> </ul>	<p>An optional AC power adapter is available for purchase for continuous operation in one location. Over-voltage protection is built into the circuitry to help prevent damage from unapproved power supplies.</p>
<ul style="list-style-type: none"> <li>Sturdy metal gas and draft connectors</li> </ul>	<p>Added strength for durability in the field</p>
<ul style="list-style-type: none"> <li>Choose from up to 6 electrochemical sensors – add them now or add them later</li> </ul>	<p>The ultimate flexibility of sensor configurations, either ordered from the factory or upgrade the PCA<sup>®</sup>3 in the field with plug and play pre-calibrated sensor modules.</p>
<ul style="list-style-type: none"> <li>Personalized company logo upload</li> </ul>	<p>Contractors can upload their company logo for custom printouts and report-generation.</p>
<ul style="list-style-type: none"> <li>Store, recall and print up to 1000 complete test records</li> </ul>	<p>Stores up to 500 complete records (all readings and calculations) in memory and 500 in logged memory for easy recall and downloading to Excel. Can tag up to 3 lines of user info and add company logo for professional reports.</p>
<ul style="list-style-type: none"> <li>Tag customer information to a specific record through easy PC interface</li> </ul>	<p>Reports and service details tie customer information to a specific test for record-keeping and future service reminders.</p>
<ul style="list-style-type: none"> <li>Multilingual display</li> </ul>	<p>User-selection of multiple language options for menus and on-screen calculations.</p>
<ul style="list-style-type: none"> <li>User-selectable calibration reminders</li> </ul>	<p>Easy-to-set “calibration due” reminders for peace of mind. Intervals can be set to never, 6, 8, 10, 12 or 15 months for preferred schedule.</p>
<ul style="list-style-type: none"> <li>Color-bar battery life indicator</li> </ul>	<p>Always-visible battery life icon with step-down color bar indicator. Full battery indicated by three green bars, used battery indicated by partial bars and flashing empty red icon accompanied by warning beeps every 3 sec. for low battery warning.</p>
<ul style="list-style-type: none"> <li>On-board diagnostics and information review</li> </ul>	<p>Easily view O<sub>2</sub> sensor life, instrument and pump hours to keep you “in the know.”</p>