

PRODUCT BULLETIN



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Introducing the NEW **PCA³** From Bacharach

Bacharach Inc. is pleased to announce the launch of the new PCA³, the industry's first advanced portable combustion analyzer with a full color graphic display for superior visibility and user-friendly interface. Super-bright backlighting, zoom display feature and dimming mode function provide users with best-in-class instrumentation.



The PCA³ is the definitive combustion and emissions analyzer that enables fast and accurate measurement for on-demand or semi-continuous sampling of light industrial, institutional, commercial and residential furnaces, boilers and appliances.

In addition to the new color display, the PCA³ includes enhancements to its construction and operation including:

- Unique B-Smart[®] pre-calibrated sensors & exchange program
- Logo upload with company information and tag customer information to test data for custom reports
- Sturdy metal gas and draft connectors
- New battery-saving dimming mode
- Ten fuel choices plus the ability to load custom fuels
- Ability to store and download 1000 test records
- Multilingual display and options for European calculations

Based on the popular features and proven success of the PCA², this next-generation in the Fyrite[®] family is a lightweight, handheld analyzer that directly measures and displays flue gas oxygen, carbon monoxide, nitric oxide, nitrogen dioxide and sulfur dioxide in any configuration desired. If the application or need changes, the contractor can simply add or remove sensors in the field without downtime, using the B-Smart[®] pre-calibrated sensor options (see more information in the ordering information section).

Please see the accompanying information for part numbers and pricing, replacement parts, accessories and information on the B-Smart[®] sensor options.

Sincerely,

Kay F. Wasieleski

Kay F. Wasieleski
Vice President, Marketing and Customer Service



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ORDERING INFORMATION			
P/N		Description	List Price
N.Am. Version	EU Version*		USD
		PCA®3	
0024-8440	0024-8460	PCA®3 225 (O ₂ , CO/H ₂ -compensated)	\$1,850.00
0024-8441	0024-8461	PCA®3 235 (O ₂ , CO/H ₂ -compensated, NO)	\$2,570.00
0024-8442	0024-8462	PCA®3 245 (O ₂ , CO/H ₂ -compensated, CO-High)	\$2,570.00
0024-8443	0024-8463	PCA®3 255 (O ₂ , CO/H ₂ -compensated, SO ₂)	\$2,570.00
0024-8444	0024-8464	PCA®3 265 (O ₂ , CO/H ₂ -compensated, NO, NO ₂)	\$3,290.00
0024-8445	0024-8465	PCA®3 275 (O ₂ , CO/H ₂ -compensated, NO, SO ₂)	\$3,290.00
0024-8446	0024-8466	PCA®3 285 (O ₂ , CO/H ₂ -compensated, NO, CO-High)	\$3,290.00
		PCA®3 Kits	
0024-8447	0024-8467	PCA®3 225 Kit (O ₂ , CO/H ₂ -compensated, printer)	\$2,015.00
0024-8448	0024-8468	PCA®3 235 Kit (O ₂ , CO/H ₂ -compensated, NO, printer)	\$2,735.00
0024-8449	0024-8469	PCA®3 245 Kit (O ₂ , CO/H ₂ -compensated, CO-High, printer)	\$2,735.00
0024-8450	0024-8470	PCA®3 255 Kit (O ₂ , CO/H ₂ -compensated, SO ₂ , printer)	\$2,735.00
0024-8451	0024-8471	PCA®3 265 Kit (O ₂ , CO/H ₂ -compensated, NO, NO ₂ , printer)	\$3,455.00
0024-8452	0024-8472	PCA®3 275 Kit (O ₂ , CO/H ₂ -compensated, NO, SO ₂ , printer)	\$3,455.00
0024-8453	0024-8473	PCA®3 285 Kit (O ₂ , CO/H ₂ -compensated, NO, CO-High, printer)	\$3,455.00
*Siebert Calculations			
All Versions	PCA®3 Replacement Parts & Accessories		
0024-1400	IrDA Wireless Printer w/Disposable Batteries (comes w/Kits)		\$295.00
0024-1310	Printer Paper (5 rolls)		\$19.00
0006-8733	Printer Paper (1 roll)		\$5.00
0024-1254	Universal AC Adapter (110-240 VAC)		\$50.00
0007-1644	Replacement Filter Element (pkg. of 3)		\$30.00
0024-7224	Compact Sample Conditioner		\$2,365.00
0024-0788	PCA®3 Replacement O ₂ Sensor		\$159.00
0024-0789	PCA®3 Replacement CO (H ₂ -compensated) Sensor		\$320.00
0024-0997	PCA®3 Replacement CO (High) Sensor		\$320.00
0024-0881	PCA®3 Replacement NO Sensor		\$320.00
0024-1027	PCA®3 Replacement NO ₂ Sensor		\$320.00
0024-0998	PCA®3 Replacement SO ₂ Sensor		\$320.00
0024-0492	Calibration Gas, 500 ppm CO, 103L (Note:HazMat shipping chgs apply)		\$195.00
0024-0794	Calibration Gas, 1000 ppm CO, 1000 ppm H ₂ 103L (Note:HazMat shipping chgs apply)		\$195.00
0024-1155	Calibration Gas, 4000 ppm CO, 103L (Note:HazMat shipping chgs apply)		\$195.00
0024-1156	Calibration Gas, 250 ppm NO, 58L (Note:HazMat shipping chgs apply)		\$450.00
0024-1157	Calibration Gas, 100 ppm NO ₂ , 58L (Note:HazMat shipping chgs apply)		\$450.00
0024-1158	Calibration Gas, 100 ppm SO ₂ , 58L (Note:HazMat shipping chgs apply)		\$205.00
0024-3004	Replacement Probe Assembly (compatible w/N.America versions)		\$196.00
0024-3053	Replacement Probe Assembly (compatible w/European versions)		\$196.00
0024-1124	20 ft Hose Extension w/ Sample, Draft and Thermocouple Lines		\$410.00
0024-1470	Fyrite® User Software		\$26.00
0021-7006	True Spot® Smoke Tester		\$110.00





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B-Smart® Sensor Options – Bacharach offers a variety of solutions for easy sensor maintenance. Choose from 3 options with pre-calibrated sensors to eliminate field calibration.

1. Pre-calibrated B-Smart® Sensors

- Contractors can purchase replacement pre-calibrated B-Smart® sensors from their local distributor to replace an existing sensor in the instrument as needed. Simply punch in the code provided with the new sensor(s) and the instrument is ready to go.
- Pricing as follows per sensor:

0024-1541	PCA®3 B-Smart® CO (H ₂ -compensated) Pre-Calibrated Sensor	\$380.00
0024-1542	PCA®3 B-Smart® CO (High) Pre-Calibrated Sensor	\$380.00
0024-1545	PCA®3 B-Smart® NO Pre-Calibrated Sensor	\$380.00
0024-1544	PCA®3 B-Smart® NO ₂ Pre-Calibrated Sensor	\$380.00
0024-1543	PCA®3 B-Smart® SO ₂ Pre-Calibrated Sensor	\$380.00

2. Pre-calibrated B-Smart® Sensor Module

- The Contractor can upgrade his instrument in the field by purchasing a B-Smart® Sensor Module from his local distributor and installing it himself. He simply plugs in the pre-calibrated B-Smart® sensor with attached sensor board and he's up and running (no need to put in a code).
- Pricing as follows per sensor module:

0024-3056	PCA®3 B-Smart® CO-H2-comp. Field-Upgrade Add-a-Sensor Module	\$720.00
0024-3057	PCA®3 B-Smart® CO-High Field-Upgrade Add-a-Sensor Module	\$720.00
0024-3060	PCA®3 B-Smart® NO Field-Upgrade Add-a-Sensor Module	\$720.00
0024-3059	PCA®3 B-Smart® NO ₂ Field-Upgrade Add-a-Sensor Module	\$720.00
0024-3058	PCA®3 B-Smart® SO ₂ Field-Upgrade Add-a-Sensor Module	\$720.00

3. PCA®3 B-Smart® Sensor Exchange Program

- The Contractor buys the PCA®3 from his distributor and goes to Bacharach's website to sign up for the selected program online.
- Bacharach sends the Contractor the pre-calibrated sensor(s) of his choice every 9 months.
- When the Contractor receives the sensor(s) he removes the old one(s), installs the new one(s), punches in the code provided and he's up and running.
- The Contractor mails old sensor(s) back to Bacharach in pre-paid envelope.
- The process repeats until the 3-year program is complete.
- Selections and pricing as follows:

Part #	CO	CO (high)	NO	NO ₂	SO ₂	# of sensors sent in the 3 yr program	Price
0024-3061	X					4	\$325.00
0024-3062		X				4	\$325.00
0024-3063			X			4	\$325.00
0024-3064				X		4	\$325.00
0024-3065					X	4	\$325.00
0024-3066	X		X			8	\$650.00
0024-3067	X	X				8	\$650.00
0024-3068	X				X	8	\$650.00
0024-3069	X		X	X		12	\$975.00
0024-3070	X		X		X	12	\$975.00
0024-3071	X	X	X			12	\$975.00




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