

Process Control Outlet
5517 East Rd,
Baytown, TX 77521
P: 281-421-1321
F: 281-421-2683
E: sales@pco2.com

Focus On: Applied Automation Optichrom Gas Chromatographs

A new life for gas chromatographs



TECHNICAL SUPPORT

PCO has several fully-functional Applied Automation test units on site. PCO also uses state-of-the-art intelligent repair equipment

POST-OEM SUPPORT

Although the OEM no longer provides repair services for the units, PCO can provide repair services for a fraction of the OEM's exchange price.

REPAIR ANALYSIS

PCO provides a comprehensive repair and evaluation analysis on all products that it repairs and evaluates. These are available at anytime to the customer for reference.

For more information on any of our products or services please visit us on the Web at:

www.pco2.com

PCO has developed an AAI Optichrom Gas Chromatograph network to fully evaluate, repair, and provide complete system testing for all assemblies of the Optichrom system. PCO is able to provide OEM level of quality serves at a competitive, non-OEM price. A partial list of the AAI Optichrom parts serviced by PCO includes: 2000103-002 Analyzer Relay Board (ARB), 2000400-006 Door Assembly (ACB-2), 2000322-003 Portable Service Panel, 2000117-001 Flame Ionization Detector Board (Modular FID), 2000116-001 Digital Output Board (DO), and many more.

By using a walking test clip method PCO is able to accurately and effectively trace problems at the PCB and component levels. By using this method PCO is able to not only identify defective components, but also components that have drifted out of their safe operating parameters. For example, using the walking test clip method PCO can identify a capacitor that is no longer operating within specifications and replace. This method allows for PCO and its customers to be proactive in maintaining the Optichrom system.

- **Service Provided for every component of the system:** ACB Door Board 1 & 2, service panel, printer interface board, serial board, Flame Ionization Detector Board, Digital Output Board, Analyzer Controller, I/O Unit Interface, Data Highway Board, power supplies, etc.
- **Services Include:**
 - Evaluation
 - Repair
 - Hardware Support
 - 1 Year Guaranteed Warranty

Recently PCO has completely redesigned the 2000103-002 Analyzer Relay Board (ARB) due to EOL (End-Of-Life) components used in its manufacturing. This redesign was born at the request of one of PCO's customers. The problem was that the relays used on the OEM Analyzer Relay Board had reached obsolescence and were no longer available. Looking for a viable solution, engineers at PCO decided to redesign a new Analyzer Relay Board using new industrial grade components. The redesign is a simple "plug-and-play" style component as it is the exact footprint of the OEM's Analyzer Relay Board. As more components on the Optichrom system reach EOL, you can expect new and improved designs from PCO.



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