



GL applied research inc.
PROMETRICS



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What's New

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Our Products

PAC/PSPI Support



Factory Direct Support
for PAC/PSPI On-Line Color
Quality Analyzers

Your Partners in Instrument Development

Photometric Analyzers

- color
- opacity

Instrument Development Services

- laboratory
- process analyzers
- environmental monitors
- specialized controllers
- fabrication of obsolete laboratory
and process instrument
components



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Laboratory Petroleum Colorimeter

The LC-100 Laboratory Colorimeter automatically measures sample color on two different color scales: ASTM 156 (Saybolt) and ASTM D1209 (PT-Co, hazen, APHA).

The colorimeter utilizes a dual wavelength spectroscopic technique to measure the color of the sample on the selected scale.

[**DOWNLOAD
DATA SHEET**](#)

**For More Information on this product,
download our data sheet in PDF format**



Features

- Digital display
- Dual scale
- Auto Zero function
- Compact design



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Photometric Process Analyzers

- Colorimeter, Model CM-100
- Multi-Wavelength Photometer, Model CM-108
- On-Line Dye Analyzer
- EC-220 Colorimeter
- CM-Calibrator

Laboratory Equipment

- Laboratory Petroleum Colorimeter
- Model K High Temperature Bonding Press

OEM/Contract Developer & Manufacturer

- Hand-Held Photometers
- Salt-in-Crude Monitor
- Digital Petroleum Analyzers
- Laboratory Refractometer
- Brine Analyzer

Service Supplier

- Petroleum Laboratory Instruments
- Water Quality Analyzers

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**Factory Support for All PAC
(formerly Precision Scientific
Petroleum Instruments) On-
Line Color Quality Analyzers**

GL applied research inc.--the developer and manufacturer of various PSPI On-Line Color Quality Analyzers--is now providing factory direct sales of those analyzers and replacement parts as well as applications assistance, service, and repair.

Instrument Sales

GL offers a full line of **photometric process analyzers**(review them). These include color quality analyzers (PSPI Catalog 42015, 52015, 43015 equivalents) as well as on-line dye analyzers.

Replacement Parts

A complete selection of OEM replacement parts for PAC/(PSPI) On-Line Color Quality Analyzers is available. Click on the icon below to download a PDF replacement parts list cross-referencing PSPI part numbers with GL part numbers.

[▶ DOWNLOAD](#)**Comprehensive Technical Support &
Application Assistance**

Whether you need help operating or troubleshooting an installed analyzer or require assistance in specifying the right system for a new application, help from GL is close at hand. You can reach us by phone (847-223-2220), fax (847-223-2287), or email (glapplied@glappliedresearch.com). Click on the icon below to download a PDF application data sheet.

[▶ DOWNLOAD](#)**Service and Repairs**

GL also offers fast, factory-direct service on PAC/(PSPI) Color Quality Analyzers as well as a special "board swap" repair program to help you get malfunctioning equipment back on-line quickly and cost-effectively. Ask for details!



who we are



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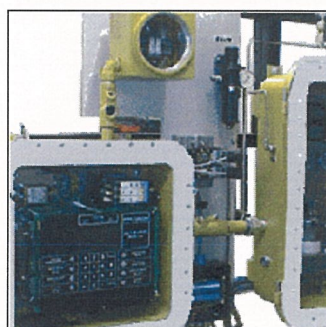
PAC/PSPI Support



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For nearly 40 years, the people at *GL applied research* and our *subsidiary, Prometrics*, have been helping customers in a diverse range of industries solve their measurement, control, and sampling problems.

As a quality instrument development and manufacturing company, we provide superior products directly and as an OEM supplier. We also assist other laboratory and process instrumentation manufacturers with their R&D, manufacturing, and service projects. The following examples are typical of our innovative approach to instrument development.



Photometric Process Analyzers

- Fiber optic based colorimeters to measure the color quality of process streams and product haze detection monitors
- Multi-wavelength on-line photometers for concentration or color value determinations of complex process streams
- On-Line Dye Analyzer to detect and measure dye in hydrocarbon liquids

Laboratory Equipment

- Digital petroleum analyzer for color determination
- Benchtop presses which provide precise temperature and pressure control to develop and test new materials, composites, and laminating processes

OEM/Contract Developer & Manufacturer/Service Supplier

- Hand-held photometric instruments for water quality analysis
- Digital petroleum analyzers for salt-in-crude oil and color determinations of petroleum products
- Process salt-in-crude analyzers for the measurement of salt content over a wide range of concentrations
- Laboratory refractometers for direct readouts of the concentrations of a variety of liquids
- Industrial conductivity meters for the electrodeless measurement of brine concentrations
- Factory authorized service supplier for US and European instrument manufacturers
- Fabrication of obsolete laboratory and process instrument components