Process Analytics Program
Replace Obsolete Multiwave Process Photometers

Multiwave Process Photometers
series PUV3402, PIR3502 & PFO3372

Designed to provide on-line measurements of gas or liquid components, in simple or complex process streams, for process control, product quality assurance, safety, catalyst protection and area monitoring, the Multiwave™ is a fixed filter photometer that utilizes optical filters to make continuous measurements. The single beam, dual wavelength concept used in the Multiwave™ compensates for source and detector aging and the obstruction of cell windows, while allowing the sample cell to be isolated from the electronics.

Multiwave™ photometers can be connected to ABB Analytical’s VistaNET™ and STAR Process Analyzer Networks, enabling data interchange from the analyzer to the DCS, seamless connectivity to the Plant LAN and remote user access.

Multiwave Trade in Program**
- 10% trade in allowance **
- 24/36 month factory warranty included
- 1st Year PM service included
- Factory Acceptance Testing included***
- Startup and commissioning with on-site over the shoulder training included
- Priority Phone Support included
- Recommended spare parts list

Trade-in options
- Sample system upgrade
- Network upgrade
- Multi-year service agreements

** 3rd party products are eligible for program.
*** Remote factory acceptance test.

The Multiwave™ line features three basic models, each offering a wide range of applications capability.

- PIR3502 Multiwave™ photometers can be applied to Infrared and Near Infrared measurements.
- PUV3402 Multiwave™ photometers are designed for the Ultraviolet and Visible spectral regions.
- PFO3372 Multiwave™ photometers utilize fiber optic accessories for remote measurements.Unlimited access to analytical data.

PIR3502 Multiwave Photometer
Is your Network outdated?  
…upgrade to ABB STAR.

STAR is the next generation of data system designed to unify legacy instrumentation with the PGC5000 series.

- Complete optimization and plant monitoring.
- Windows based. Windows 10 for PC, OS 16 for Server
- Distributed, secure, and persisted Access Control List (ACL).
- Supports IPv4 and IPv6 and VistaNET ready devices.
- Allows remote upgrades, configuration and rebooting.
- Optional Star server saves minimum of 30 days of data from PGC5000 (Version 4), PGC2000, RVP, and Multiwave.
- Import / Export trends, reprocessing of chromatograms, archiving and trending of data values from multiple devices.

ABB Ability™ Remote Insights for service
Reduce time to repair with heads-up, hands-free troubleshooting

ABB Ability™ Remote Insights for service is a collaborative app that improves interaction between remote experts and field personnel by enabling live instruction and guidance that can be overlaid on live video using augmented reality technology.

Benefits
- Receive remote expertise
  - Instant access to expert diagnostic and repair guidance
  - Resolve issues quickly
  - Improve quality of repairs
  - Take advantage of global ABB network of experts
- Save time
  - Chat instantly with remote experts
  - Eliminate travel time
  - Accelerate problem recognition and resolution
- Reduce costs
  - Live audio and video support
  - Reduce unplanned downtime
  - Eliminate travel expenses
- Supports typical handheld devices such as smartphones and tablets
- Use equipment already on hand

Increase knowledge base and productivity
- Transfer knowledge effectively
- Improve training through visual guidance and best-practice access
- Foster collaboration
- Enable fast learning for apprentices

Increase safety
- Perform hands-free field maintenance
- Troubleshoot issues with potentially dangerous equipment from a safe distance
- Increase accessibility for workers with permanent or temporary physical limitations