

AQURE

Peer Quality Control




Set high standards with Peer Quality Control



SOLUTION OVERVIEW

AQURE Peer Quality Control compares the QC performance of your ABL analyzers against analyzers in a selected peer group. This empowers you to validate standards and proactively troubleshoot issues on a daily basis, right from your AQURE dashboard. All measurements are automatically documented in a monthly report, so you are always inspection ready.

KEY BENEFITS

-  **Work efficiently and proactively**
-  **Get recommended actions to help save time**
-  **Stay compliant with automatic documentation**

ADVANTAGES

COMPARE QC RESULTS DAILY WITH A SELECTED PEER GROUP

AQURE Peer Quality Control helps you identify and prevent potential QC violations by making a statistical analysis of mean bias value – an analyzer’s bias from target value – compared to a selected peer group. This allows peer group comparisons to be made across different QC lots with different target values.

GAIN PERFORMANCE INSIGHTS FROM FOUR PEER GROUPS

AQURE Peer Quality Control provides access to data from four different peer groups to help you identify systematic and local QC data trends when troubleshooting QC violations. One of the four peer groups to the right must be selected for your AQURE installation.

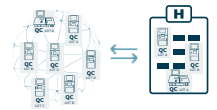
GET INSTANT NOTIFICATIONS ABOUT POTENTIAL QC VIOLATIONS

If a Peer QC issue is detected, AQURE sends an instant message to the Peer Quality Control module on your dashboard. There are two different Peer QC issue messages:

- **Mean bias:** Generated if the standard deviation of bias for 10 QC results statistically deviates from the mean bias values of the peer group.
- **Coefficient of variation (CV%):** Generated if the standard deviation of bias for 10 QC results statistically deviates from standard deviation of the peer group.

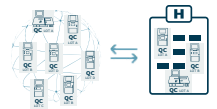
01 PEER WORLD ACROSS LOTS

All analyzers worldwide independent of lots



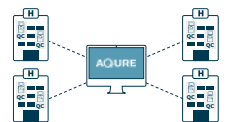
02 PEER WORLD WITHIN LOTS*

All analyzers worldwide within the same lot



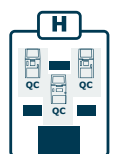
03 PEER SYSTEM

All analyzers within the AQURE IT solution server



04 PEER HOSPITAL

All analyzers within the same hospital



*Only possible for customers using external QC where the same lot is in use for a longer period.

ADVANTAGES

MANAGE PEER QUALITY CONTROL WITH ONE INTEGRATED WORKFLOW



Daily*
Performance overview

The AQUIRE dashboard widget provides a simple overview of all connected analyzers and their performance compared to a selected peer group.

Daily*
User notification

The AQUIRE issue management system automatically notifies you when a Peer Quality Control comparison issue is detected.

Daily*
Corrective action recommendation

Explore Peer Quality Control issue for an analyzer in a Levey-Jennings plot. Corrective action recommendation provided.

Monthly
Inspection-ready report

An inspection-ready report is generated monthly, including a summary of Peer Quality Control issues and peer comparison of QC measurements.

* ABL90 only shows data for oximetry parameters

VIEW RECOMMENDED CORRECTIVE ACTIONS TO HELP RESOLVE ISSUES FASTER

Peer Quality Control issues are highlighted on your AQUIRE dashboard. Click on an issue to open it in the issue management system and explore the details in a Levey-Jennings plot. If the issue follows a recognized pattern, a recommend action will be provided to resolve the issue.

STAY INSPECTION-READY WITH AUTOMATED DATA UPLOAD

AQUIRE continuously uploads QC results from connected analyzers to Radiometer Medical through an Internet of Things (IoT) gateway. Once every 24 hours, AQUIRE requests and downloads the peer group calculations. These calculations are used to generate Peer Quality Control Issues and the monthly report.