

AQT90 FLEX analyzer
Lab quality at your fingertips



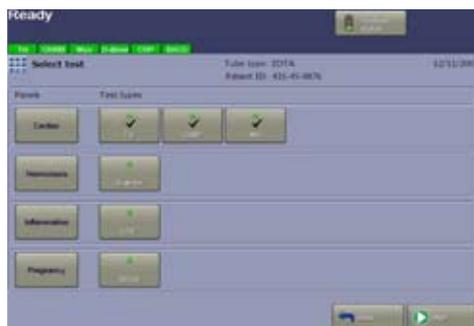
Just choose your parameters and press start

1



Place the closed sample directly into the inlet. No sample preparation is required.

2



Choose parameters on screen and press start. The sample is automatically mixed and measured.

3



After 30 seconds, the AQT90 FLEX analyzer is ready for the second sample. Results are printed and sent to the LIS/HIS or directly to patient monitors.

The facts about the AQT90 FLEX analyzer

Touch screen

- Intuitive user interface
- Adjustable color touch screen
- Customizable test selection

Barcode reader

- Scans patient samples and user IDs
- Saves time and reduces errors from manual data entry



Test menu

- Troponin I
- Troponin T
- CKMB
- Myoglobin
- NT-proBNP
- CRP
- βhCG
- D-dimer

Test/CAL cartridge inlet

- Up to 15 cartridges with up to 16 tests each
- Up to 240 tests when fully loaded
- Up to 23 days onboard stability
- Results ready in as quickly as 10 min (depending on parameter)
- Pre-barcoded cartridges for automatic loading into the analyzer





Inlet

- Up to 30 tests per hour
- Automated mixing of up to two samples simultaneously
- Automatic detection of sample ID
- Fits most 13 x 75 mm standard tubes
- Closed system: no exposure to blood
- Ready-to-use multilevel QC

Connectivity

- Full LIS/HIS connectivity
- Complete data capture through continuous synchronization
- Remote control of decentral instruments from a central location
- RADIANCE connection

Reagent Pack

- Closed system: no contact with waste
- 25 days onboard stability
- Contains reagents and waste container for up to 200 tests
- Discardable after use

Simplicity and accuracy in acute care testing

Why sacrifice test accuracy for simplicity in acute care testing? With the AQT90 FLEX analyzer, you can have both.

The AQT90 FLEX analyzer combines the high measuring accuracy vital to acute care testing with the ease of use you need in your everyday work - whether in the lab or at the point of care.

Just choose your parameters and press start.



The AQT90 FLEX analyzer provides

Maximum accuracy	Minimal effort
<ul style="list-style-type: none">• Lab quality• High analytical sensitivity• Complete correlation to lab methods	<ul style="list-style-type: none">• Cardiac, coagulation, infection and pregnancy markers in a single instrument• Measurement on whole blood and plasma – no sample preparation• Automated mixing and measurement• All tests done in parallel – up to 30 tests an hour• Full connectivity and data capture• No contact with blood or waste

Testing with maximum accuracy

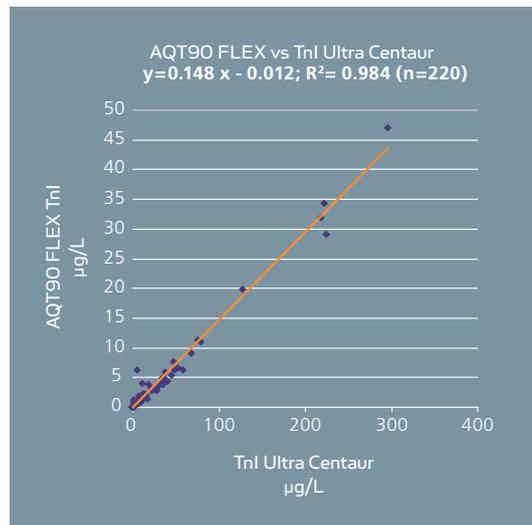
Complete correlation to lab methods

On the AQT90 FLEX analyzer, results correlate to lab methods, providing you with the confidence you need to make important decisions.

High sensitivity

By using time-resolved fluorescence based on europium as a tracer, the AQT90 FLEX analyzer minimizes background fluorescence and detects small amounts of analyte. The high analytical sensitivity leads to better clinical sensitivity, helping to secure a correct diagnosis.

Correlations



Lab quality

The AQT90 FLEX analyzer provides superior analytical performance, including a 10 % CV close to the 99th percentile for TnI.

TnI assay characteristics:

Reportable range	0.010-50 $\mu\text{g/L}$
Sample type applied	Whole blood and plasma (heparin or EDTA)
Approximate analysis time	18 min
Tests per hour	30

For information for other parameters please contact your local sales office.





Testing with minimal effort

Automatic measurements

- No sample preparation required
- Closed sample tube can be placed directly into the inlet
- Automated mixing and measurement

Control of instruments and data

- Built-in QC for continuous analyzer performance evaluation
- Control of decentral analyzers from a central location in real time with RADIANCE data management system
- Full data capture of results by continuous synchronization between analyzers and LIS/HIS

Easy logistics

- No need for a new cartridge for each new test
- One cartridge contains up to 16 tests

Increased operator safety

- All reagents come in a single pack
- Reagent Pack automatically collects all liquid waste and used assay cups
- Reagent Pack is easily discarded and replaced without any contact with waste



With the AQT90 FLEX analyzer, you get up to 16 tests per cartridge.



Easy and safe waste disposal.

Simpler, faster, better

Radiometer's products and services simplify and automate all phases of acute care testing, providing you with the speed and ease of use you want and the accuracy you need.

This is acute care testing truly made simpler, faster and better.

Contact us

Radiometer is represented in more than 100 countries.

For the local Radiometer representative nearest you, please go to www.radiometer.com.



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