RADIOMETER

WELCOME TO THE
SIMPLE
ZONE

POINT-OF-CARE BIOMARKER TESTING **MADE SIMPLE**

AQT90 FLEX

TnI | TnT | CKMB | Myo | NT-proBNP | CRP | PCT | D-dimer | ßhCG

AQT90

WELCOME TO THE SIMPLE ZONE

With the closed tube system on the AQT90 FLEX analyzer, we've made point-of-care (POC) testing truly simple for you.
The AQT90 FLEX is a POC device where no manual pipetting is needed. You test using whole blood or plasma samples* – simply Drop'n'Go.

ACCELERATE PATIENT FLOW

- Simply Drop'n'Go
- Fast turnaround time with minimal handling

MAKE CRITICAL DECISIONS FAST

- Extensive range of critical biomarkers at POC
- Reliable results in 11-21 minutes

MEET YOUR REGULATORY NEEDS

- Reliable results with built-in QC
- Connectivity to HIS/LIS directly
- Multiple device management 24/7 with AQURE

OPTIMIZE YOUR RESOURCES WITH POC TESTING

- Allow for faster diagnosis and workflow efficiency
- Reduce cost of patient care

SIMPLY **DROP'N'GO**

TS 5 p.

The closed tube system means that you simply Drop'n'Go – there's no sample or test kit preparation before testing.

TAKE SAMPLE → **INSERT SAMPLE** → **FAST RESULTS WHERE YOU NEED THEM**

*For the D-dimer assay, only whole blood samples can be used

IN THE SIMPLE ZONE

ACCELERATE PATIENT FLOW

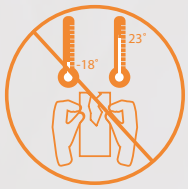
Point-of-care (POC) testing provides a significant reduction in turnaround times [1] and has the potential to improve the patient pathway and help increase clinical efficiency [2] and mitigate overcrowding [3].

TS 2 p.

With the AQT90 FLEX closed tube system, EASE OF USE at POC is taken to the next level. Automatic pipetting and automatic 'patient ID look up' mean minimal handling for you.

Take the collection tube and simply insert it into the AQT90 FLEX analyzer. Get your test results delivered directly through the HIS/LIS system to the medical records.

TESTING IN THE **SIMPLE ZONE**



NO TEST KIT PREPARATION

NO PIPETTES, NO SAMPLE PREPARATION

NO BLOOD CONTACT

DROP'N'GO

WITH THE AQT90 FLEX

IN THE SIMPLE ZONE

MAKE CRITICAL DECISIONS FAST

Fast turnaround time at point of care (POC) has the potential to improve the quality of care [3].

In acute care situations, when time matters most, the AQT90 FLEX analyzer delivers reliable quantitative results in 11-21 minutes.

The AQT90 FLEX analyzer has the capability to run up to 5 different tests per blood sample. Supporting you in making timely diagnosis – or ruling out – of several acute conditions.

TnI | TnT | CKMB | Myo | NT-proBNP | CRP | PCT | D-dimer | ßhCG

Our extensive range of biomarkers at POC covers myocardial infarction, heart failure, infection, venous thromboembolism and pregnancy.

Manage more patients at the same time - the AQT90 FLEX analyzer allows you to initiate up to 30 tests per hour. Multiple tests can be run simultaneously.

FAST, RELIABLE RESULTS AT POINT OF CARE

UP TO **5** TESTS

UP TO 5 TESTS PER BLOOD SAMPLE

RESULTS IN **11-21** MIN.

RELIABLE RESULTS IN 11-21 MIN

START UP TO **30** TESTS PER HOUR

MULTIPLE TESTS RUN IN PARALLEL

IN THE SIMPLE ZONE

MEET YOUR REGULATORY NEEDS

The AQT90 FLEX analyzer helps you meet compliance and regulatory demands through 24/7 HIS/LIS connectivity and a built-in QC system running continuously securing reliable results at POC.

With the AQURE point-of-care IT solution, you can keep track of analyzers, and stay ahead of compliance and accreditation needs. It allows you to monitor analyzers, manage operators and quality controls across multiple sites, without leaving your desk.

AQURE DOES THE MONITORING FOR YOU

DEVICES

OPERATORS

COMPLIANCE

SAMPLE FLOW

IN THE SIMPLE ZONE

OPTIMIZE YOUR RESOURCES WITH POC TESTING

The increasing number of patients is a challenge for healthcare services. Overcrowding in the ED is a widely acknowledged problem and can have an impact on the rest of the hospital.

Faster turnaround times with POC technologies can help speed up diagnosis and treatment processes and reduce contingency and process costs [4]. The time reduction in waiting for results might save valuable time for the patient as well as the staff of the ED [1].

Together or individually, the AQT90 FLEX analyzer and AQURE are reliable solutions focusing on healthcare institutions' need for accelerating patient flow.

TS 4 p.

Disease area	Marker	Measuring time (min:sec)	On board stability (days)	No. of tests per cartridge
Myocardial infarction	Troponin I	18:19	17	16
	Troponin T	12:18	10	8 & 16
	CKMB	18:09	23	16
	Myoglobin	18:09	16	16
Heart failure	NT-proBNP	10:10	24	16
Infection	CRP	12:11	20	8
	PCT	20:18	10	8 & 16
Venous thromboembolism	D-dimer	20:10	31	8
Pregnancy	ßhCG	18:09	20	16

Measuring system

Sample type:	Whole blood and plasma*
Sample volume:	According to tube manufacturer specifications
Throughput:	Up to 30 samples per hour
Measuring principle:	Time resolved fluorescence (TRF)

*Only whole-blood sample type can be used for D-dimer

RADIOMETER

EXPERIENCE
THE SIMPLE ZONE

ASK US FOR A TRIAL

TnI | TnT | CKMB | Myo | NT-proBNP | CRP | PCT | D-dimer | ßhCG

FIND OUT MORE **NOW**

RADIOMETER.COM/AQT90 FLEX

500,000+

samples tested on Radiometer analyzers every day.

References:

1. Nørgaard B, Mogensen CB. Blood sample tube transportation system versus point of care technology in an ED; effect on time from collection to reporting? A randomized trial. SJTREM 2012; 20: 71.
2. Renaud B *et al.* Impact of point-of-care testing in the emergency department evaluation and treatment of patients with suspected acute coronary syndromes. Acad Emerg 2008; 15:216-24
3. Larsson A. *et al*; The state of point of care testing: a european perspective; Ups J Med Sci. 2015 Mar; 120(1): 1-10
4. Von Eiff W. *et al*. POCT-Management. Klinische und Ökonomische Effekte. Heidelberg: Medhochswei verlag, 2013: 189-192.

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