



**cobas t 411 coagulation analyzer**  
*Driven by commitment, powered by Roche*





## **Redefining laboratory coagulation**

### *Roche becomes a new player*

Roche began its journey in the area of hemostasis with the CoaguChek® meter, which today is the most widely used point-of-care device for warfarin monitoring in the world. For many years, Roche has forged strong alliances with external partners in the area of central coagulation laboratory market and has a market leading position in many countries. Today, Roche is developing its own comprehensive portfolio for the central coagulation laboratory that will be available globally. The portfolio will provide outstanding productivity while reducing complexity by addressing current and future testing requirements across a broad range of customer segments.

Consistent with current Roche portfolios and driven by commitment to deliver customer focused, quality oriented and cost effective products, Roche will enter into a new era of testing solutions for coagulation laboratories.

# **cobas t 411 coagulation analyzer**

*Providing safety, efficiency and productivity*

The **cobas t 411** coagulation analyzer is the newest member of the Roche diagnostic portfolio and begins a new era for Roche in the world of coagulation.

Covering the diverse needs of today's coagulation labs, the **cobas t 411** coagulation analyzer is ideally suited for maximum flexibility and efficiency. The **cobas t 411** coagulation analyzer is designed for the low to medium throughput laboratory.

Best-in-class reagent, sample and cuvette storage capacity means the analyzer is not only easy to use but also requires minimal interaction during daily use.

The **cobas t 411** analyzer is designed with a unique set of enhanced safety features to ensure robust and high quality patient results, every time.

A host of other innovative features include automated, multi-vendor cap-piercing, maximized reagent utilization and integrated barcode scanning for samples and reagents.

# cobas t 411 coagulation analyzer

## *Dynamic workflow, safety and reliability*



### 1 Cuvette compartment

- 240 cuvettes
- 4 channel cuvette racks
- Continuous loading

### 2 Sample area

- 100 samples on-board
- Dedicated STAT port
- Continuous loading via 5 position racks

### 3 Cap-piercing

- Multi-vendor compatibility

### 4 Software

- Linux-based operating system
- Comprehensive QC program including Levey-Jennings
- Full result traceability function
- User-definable protocols

### 5 Reagent compartment

- Up to 70 vials on-board capacity
- Continuous rack-based loading with LED status indication
- Extended routine menu including: PT, APTT, FIB, TT, AT and DD

### 6 Reading station

- Slide in reading position
- SW guided reagent management

### 7 Measurement position

- 140 tests/hr (PT)
- 100 tests/hr (mixed mode)
- 4 position LED measurement system with 405 nm and 620 nm
- Unique opto-mechanical measuring principle
- Clotting, chromogenic, immuno-turbidimetric assays

# cobas<sup>®</sup> coagulation analyzers

*Driven by commitment, powered by Roche*

## Responsive roadmap

Designed with and for global customers, the **cobas t 411** coagulation analyzer is the first member in Roche's new series of coagulation analyzers.

## Workflow dynamics

Featuring continuous loading of reagents, samples and cuvettes, the **cobas t 411** coagulation analyzer ensures maximum productivity for demanding laboratory workloads.

## Quality and reliability

Proven premium Roche quality means the **cobas t 411** coagulation analyzer is reliable and robust with minimum downtime. Combined with an established, experienced global support network Roche ensures maximum up-time.

## Premium safety

Automatic cap piercing for all tube types combined with positive sample identification with automatic, on-board barcode scanning ensure patient and operator safety are not compromised.

*Maximizing productivity and efficiency, the cobas t 411 coagulation analyzer ensures optimization of workflow processes in the coagulation lab*

## **Driven by commitment, powered by Roche** *Passion for dynamic workflow*



With flexible, continuous loading of samples, reagents and cuvettes at any time in combination with large onboard storage capacity, walk-away time is maximized and hands-on time minimized.

A dedicated port is always available for STAT testing.

Multi-vendor compatible, automated cap piercing ensures maximum flexibility for efficient workflow in the busy laboratory.

*Patient and operator safety are paramount*

## **Driven by commitment, powered by Roche** *Passion for premium safety*

Automated cap-piercing and positive sample management via the integrated automatic barcode scanner means patient and operator safety are never compromised. Patient safety is further ensured via the unique opto-mechanical detection system and 'measurement readiness' check.

Patient results are fully traceable utilizing a feature that allows the user to check which calibrator, control and reagent lots were used to obtain the result.



*Serviceability by design, the cobas t 411 coagulation analyzer from Roche is built to, and supported by, exacting quality standards*

## **Driven by commitment, powered by Roche** *Passion for quality and reliability*



Designed for superior serviceability with a daily maintenance time of just 5 minutes, premium reliability is achieved.

Furthermore, only one preventative maintenance per year is required. With Roche's extensive global support network and its established experience in coagulation, maximum up-time and cost efficiency are assured.

Reliable hardware ensures continuous operation. All of this in combination means better cost effectiveness for the laboratory.



*The cobas t 411 is the newest member of the Roche family series of Coagulation analyzers*

## **Driven by commitment, powered by Roche** *Responsive roadmap*

Roche has taken a proactive, responsive approach to the design of the new coagulation portfolio. Designed based on global customer input, Roche's pipeline for the future in hemostasis is well defined.

The **cobas t 411** coagulation analyzer is the powerful first member of the new coagulation series.

Roche's next generation platforms will offer truly ground-breaking, innovative automation features and will set new standards in lab coagulation.



# Passion for hemostasis

*Helping to improve patient care and diagnostic efficiency*

Consistent with a world-wide presence and commitment in offering total testing solutions, Roche's new coagulation product portfolio will be available globally. Roche's distinctiveness and unique

capabilities, combined with a broad array of technologies, enable Roche to further strengthen its leadership position and deliver value to its customers and patients worldwide.

## Self- & professional monitoring



CoaguChek® XS system  
CoaguChek® XS Plus system  
CoaguChek® XS Pro system

**cobas IT solutions**

## Molecular and platelet function testing



LightCycler® Instrument  
Multiplate® analyzer

## Laboratory automation

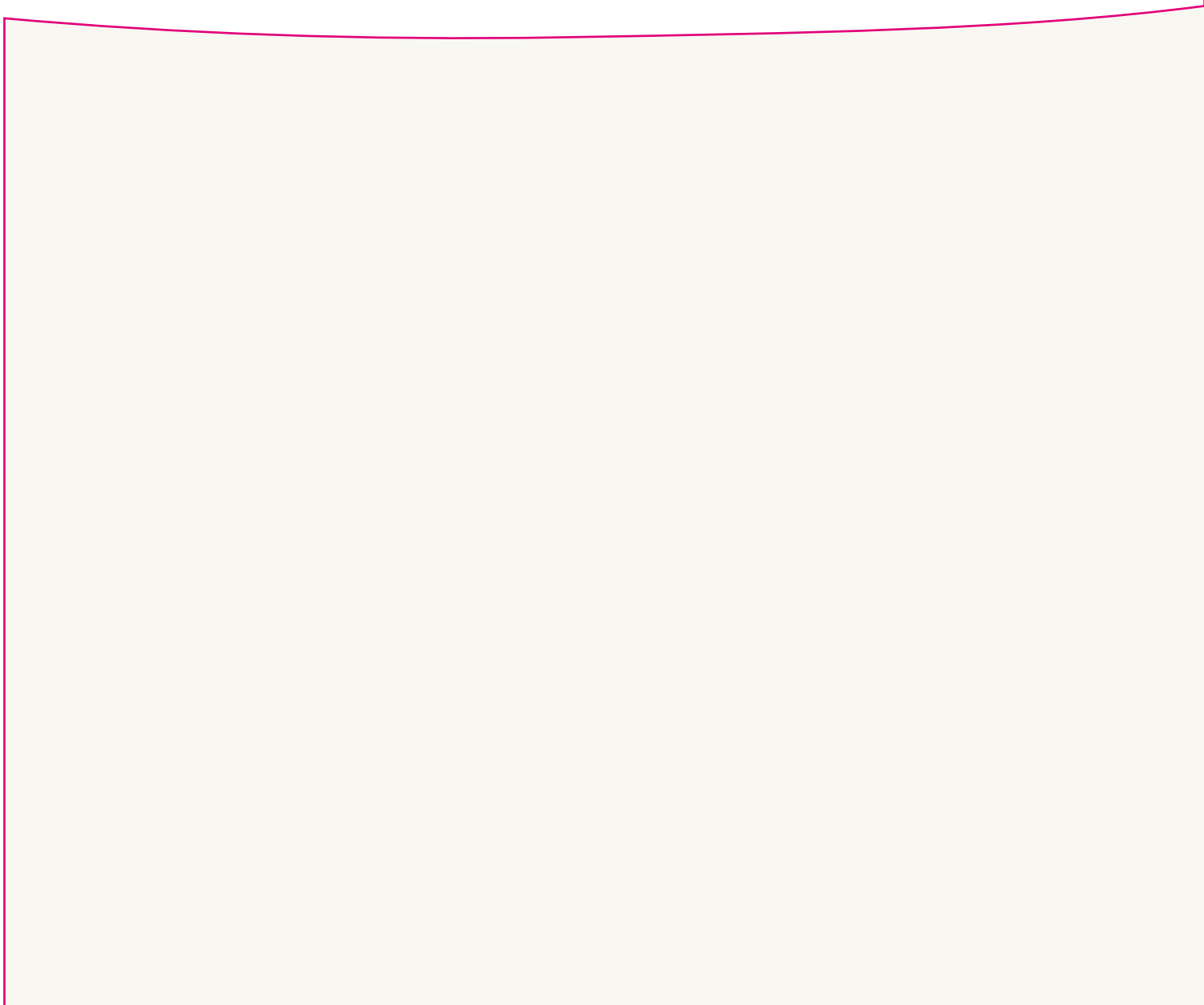


**cobas p 512** and **cobas p 612** pre-analytical system (former RSD pro)  
**cobas® 8100** automated workflow series  
**cobas p 501** and **cobas p 701** post-analytical unit

## Routine and specialty testing



**cobas t 411** coagulation analyzer  
**cobas t 511** coagulation analyzer  
**cobas t 711** coagulation analyzer



COBAS, COBAS P, COBAS T, LIFE NEEDS ANSWERS, COAGUCHEK, MODULAR PRE-ANALYTICS EVO and MULTIPLATE are trademarks of Roche.

All other trademarks are the property of their respective owners.

©2015 Roche

Roche Diagnostics International Ltd  
CH-6343 Rotkreuz  
Switzerland  
[www.cobas.com](http://www.cobas.com)