

The **target** is clear –
precise results



Thrombolyzer XRM

The fast coagulation analyser with cap piercing

Thrombolyzer XRM

The fastest of its kind

In the natural world, proven techniques are continually being improved and adapted to new challenges. We take our cue from nature, but what nature takes generations to achieve we have accelerated by using solid engineering principles and our high degree of specialist knowledge. The Thrombolyzer XRM is the first Behnk analyser to fulfill all the requirements of central laboratories.


By using two independent samplers for plasma and reagents combined with an 8-channel measuring system, this system can achieve a throughput of 320 determinations per hour – and it takes up less than one square metre of lab space.

Cap piercing is today's state of the art technology. Direct withdrawal from sealed sample tubes inherently results in large tolerances. The XRM stores withdrawn plasma in special chambers integrated directly in the cuvette rack unit before pipetting into the measuring cuvette. With this system, our analysers, with and without cap piercing, always work with exactly the same degree of precision.

What is new with the Thrombolyzer XRM

- Up to 320 tests per hour
- Uninterrupted routine
- Eight measuring channels
- Cap piercing
- Independent sampler units for reagents and samples
- Full traceability
- Increased reagent capacity





The sample rotors make an uninterrupted workflow possible. They are used just like a rack: simply fill with samples and insert. The barcode is scanned directly upon sample withdrawal making this system absolutely traceable. Refilling reagents and measuring cuvettes is absolutely no problem and done without interrupting the routine.

The user-friendly software offers all the functionality you would expect from a modern lab instrument. Some examples are the real-time display of the reaction curves; an intelligent liquid level display, so you can always see the levels of reagents remaining; and a database not only for saving all the relevant test parameters, but also for retrospective evaluation of the information.

The XRM is amazingly easy to use although it has a large functionality range. Just press a button, and the XRM gets to work. Four buttons are enough to run the entire routine processes. If you have ever worked with a Thrombolyzer, you can immediately and intuitively begin your routine with any instrument in the Thrombolyzer family.

With the XRM, you are opting for the latest generation of Thrombolyzer instruments. The combination of reliability and advantages of the most modern analysis methods makes the XRM the ideal choice for the large lab.

Thrombolyzer XRM

Intelligent.

Fast.

Reliable.

The Features of Thrombolyzer XRM at a glance



Specifications

Thrombolyzer XRM

Uninterrupted routine	✓
Cap Piercing	✓
Sample throughput	without cap piercing up to 320 Tests/h with cap piercing up to 240 Tests/h
On-board sample capacity	62
Reagent positions (cooled)	27
Cuvettes on-board	464
Chromogenic, immunological, coagulometric tests	✓
Derived fibrinogen	✓
Positive patient identification	all commercial barcodes
Automatic pre-dilution	✓
Automatic test repetition	✓
Automatic calibration curve creation	✓
Automatic level detection	✓
Follow up test (reflex test)	✓
Digitalised measuring results recording	✓
Measuring channels	8
Wavelength	405 nm/620 nm
Operating system	LINUX
LIS Interface	RS 232 or LAN
QC programme	Levy-Jennings-Graphik
User-Login	✓
Dimensions (L x W x H)	106 x 60 x 78 cm
Weight	63 kg
Mains voltage	85 – 265 V
Frequency range	47 – 63 Hz
Power consumption	150 VA
Sound level	61 – 74 dB
Supply range	Thrombolyzer, instrument accessories, computer, flat screen monitor

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