

The **target** is clear –
precise results



Thrombolyzer XR and XRM

Coagulation analysers with positive patient identification

Thrombolyzer XR and XRM

Flexibility for your lab


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. Choose the Thrombolyzer which fits your needs best. The Thrombolyzer XR and XRM fulfil all the requirements from smaller satellite labs to large central laboratories.

Both systems use the same software and hardware platform which makes it easy to find the optimal system combination for your lab. Additionally, multiple Thrombolyzer systems can be connected to a single LIS. With a throughput of 160 tests/h (XR) and 320 tests/h (XRM), the systems fulfil the needs of any lab size. The XRM completes the Thrombolyzer range of products due to this increase in throughput.

The Highlights of Thrombolyzer XR and XRM

- LINUX-based software
- Large database incl. reaction curves
- Full traceability
- Digitalised coagulation signal
- One LIS connection for multiple Thrombolyzer combination
- User friendly routine operation
- Medium or high speed system





The sample rotors in the Thrombolyzer XR and XRM 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.

XR and XRM are amazingly easy to use although they have a large functionality range. Just press a button, and the system gets to work. Three buttons (XR) and four buttons (XRM) 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 XR and XRM, you are opting for the latest generation of Thrombolyzer instruments. The combination of reliability and advantages of the most modern analysis methods makes these instruments the ideal choice for your lab.



Thrombolyzer XR and XRM

Reliable.

Fast.

Intelligent.



The Features of Thrombolyzer XR and XRM at a glance



Specifications Thrombolyzer	XR	XRM
Uninterrupted rotor loading	-	✓
Sample throughput	up to 160 Tests/h	up to 320 Tests/h
On-board sample capacity	31	62
Reagent positions	16	27
Cuvettes on-board	232	464
Chromogenic, immunological, coagulometric tests	✓	✓
Derived fibrinogen	✓	✓
Positive patient identification	all commercial barcodes	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	4	8
Wavelength	405 nm/620 nm	405 nm/620 nm
Operating system	LINUX	LINUX
LIS Interface	RS 232 or LAN	RS 232 or LAN
QC programme	Levy-Jennings-Graphic	Levy-Jennings-Graphic
User-Login	✓	✓
Dimensions (L x W x H)	73 x 56 x 38 cm	106 x 60 x 78 cm
Weight	38 kg	63 kg
Mains voltage	100 – 240 V	100 – 240 V
Frequency range	50 – 60 Hz	50 – 60 Hz
Power consumption	150 VA	220 VA
Sound level	48 – 65 dB	45 – 65 dB
Supply range	Thrombolyzer, instrument accessories, computer, flat screen monitor	

Behnk Elektronik GmbH & Co. KG

Hans-Böckler-Ring 27
22851 Norderstedt
Germany

Telephone +49 (0) 40 - 52 98 61-0

Telefax +49 (0) 40 - 5 24 10 94

E-mail info@behnk.de

Web www.behnk.de