

Thrombolyzer XRS

Safe. Intelligent. Reliable.



The Thrombolyzer XRS is a fully-automated in vitro coagulation analyzer which delivers high quality results and meets the increasing requirements of modern high-volume labs.

- **Positive Reagent and Sample identification**

Reagent batch- and bottle specific ID guarantees safe and traceable reagent management with BE reagents or third-party reagent. The sample handling with cap piercing technology for variable primary receptacles, in a patented sample rack transport system with positive sample identification, provides high user convenience.

- **Productivity and Efficiency**

Continuous loading and the high on-board capacity of samples, reagents and consumables ensure an uninterrupted workflow and a long walk-away-time. By using two independent samplers for plasma and reagents, combined with an 8-channel measuring system, the analyzer achieves a throughput of 320 tests/h.

- **Practicality and Reliability**

Just a few minutes of daily and weekly maintenance are enough to keep the system up and running. That means lower instrument downtime, less lab personnel expenditure of time and higher processing capacity for patient samples. The XRS, like all Thrombolyzer systems, is well known for reliability with very low operating and maintenance costs.

Thrombolyzer XRS Specifications:

Sample throughput / with Cap piercing	320 tests/h / 200 tests/h	Interference detection	✓
STAT samples	✓	User-defined tests	✓
Time from standby to first PT result	~ 5 min.	Patient data storage	> 100.000
Sample identification	Positive, internal barcode reader	Reaction curve availability	✓
Positive reagent identification	✓	Full reagent and sample result traceability	✓
Clotting, Chromogenic, Immunologic tests	✓	Reagent positions (cooled) / stirring positions	70 / 12
Cap piercing for variable primary receptacles	✓	Sample capacity	150
Continuous loading of cuvettes, samples, reagents	✓	Cuvette capacity	480
Continuous operation / walk-away-time	> 1 hour	Quality control program	✓
Calibration fully automatic	✓	Low maintenance effort	Daily 5 min. / weekly 25 min.
Reaction curve plausibility check	✓	Operating system	LINUX
Micro clot detection	✓	Security system	Three security levels
Automatic test repetition	✓	LIS Interface	Bi-directional
Reflex tests	✓	Power consumption	260 VA
Wavelength	405 nm, 620 nm	Sound level	65 dB (A)
Digital light adjustment	✓	Analyzer dimensions (L x W x H)	130 cm x 65 cm x 91 cm
		Weight	90 kg
		Mains voltage	100 - 240 V



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