Thrombolyzer Compact X
Proven. Tough. Reliable.



The Thrombolyzer Compact X is a fully-automated in vitro coagulation analyzer which delivers high quality results with the reliability of the established Behnk Thrombolyzer series for low and mid-volume labs.

- **Precision and Correctness**
  Normal or interference samples are monitored by the system photometer which automatically changes both light intensity and wavelength. This feature, combined with a rotating steel ball amplifies the measuring signal, secures precision and correctness of each result. Results out of specification are automatically repeated; possibly with a different dilution or reflex test.
- **Productivity and Efficiency**
  Continuous loading and the on-board capacity of samples, reagents and consumables ensure an uninterrupted workflow and a long walk-away-time. With a maximum throughput of 160 tests/h, the analyzer is suitable for all low and mid-volume labs.
- **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. Compact X, like all Thrombolyzer systems, is well known for reliability with very low operating and maintenance costs.

Thrombolyzer Compact X Specifications:

Sample throughput / with Cap piercing	160 tests/h / -
STAT samples	✓
Time from standby to first PT result	~ 5 min.
Sample identification	External barcode reader
Positive reagent identification	X
Clotting, Chromogenic, Immunologic tests	✓
Cap piercing for variable primary receptacles	X
Continuous loading of cuvettes, samples, reagents	✓
Continuous operation / walk-away-time	> 1 hour
Calibration fully automatic	✓
Reaction curve plausibility check	✓
Micro clot detection	✓
Automatic test repetition	✓
Reflex tests	✓
Wavelength	405 nm, 620 nm
Digital light adjustment	✓

Interference detection	✓
User-defined tests	✓
Patient data storage	> 100.000
Reaction curve availability	✓
Full reagent and sample result traceability	✓
Reagent positions (cooled) / stirring positions	16 / 2
Sample capacity	32
Cuvette capacity	240
Quality control program	✓
Low maintenance effort	Daily 5 min. / weekly 25 min.
Operating system	LINUX
Security system	Three security levels
LIS Interface	Bi-directional
Power consumption	100 VA
Sound level	65 dB (A)
Analyzer dimensions (L x W x H)	56 cm x 55 cm x 58 cm
Weight	27.5 kg
Mains voltage	100 - 240 V



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Precision in Hemostasis

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