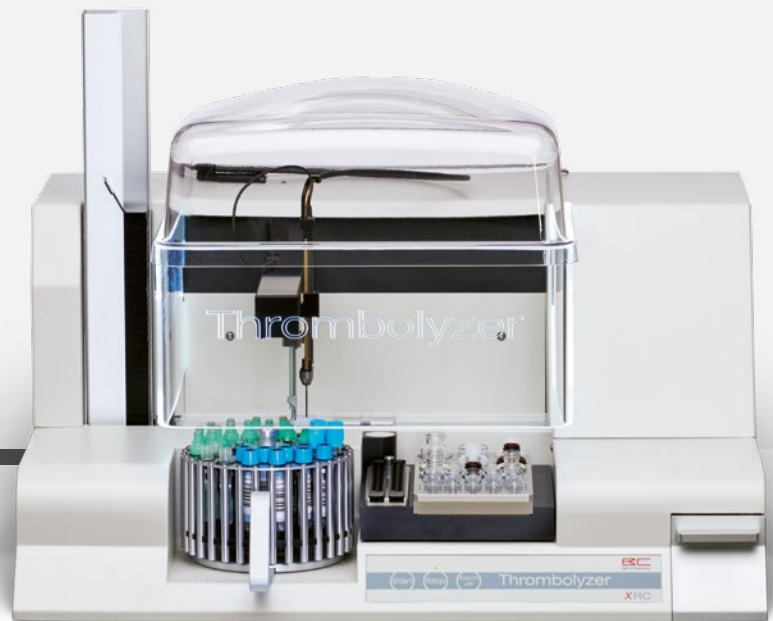**Behnk Elektronik**

Thrombolyzer XRC
Solid. Convenient. Reliable.

The Thrombolyzer XRC is a fully-automated in vitro coagulation analyzer which delivers high quality results and meets the demands of mid-volume labs with easy, intuitive usage.

- **Flexibility and Functionality**
  Working with the sample rotor ensures maximum achievable flexibility. The sample handling with cap piercing technology for variable primary receptacles provides high user convenience. The positive sample identification, with scanning the barcode directly before sample withdrawal, makes this system absolutely safe.

- **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. The XRC, like all Thrombolyzer systems, is well known for reliability with very low operating and maintenance costs.

Thrombolyzer XRC Specifications:

Sample throughput / with Cap piercing	160 tests/h / 120 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	X		Full reagent and sample result traceability	✓
Clotting, Chromogenic, Immunologic tests	✓		Reagent positions (cooled) / stirring positions	16 / 3
Cap piercing for variable primary receptacles	✓		Sample capacity	31
Continuous loading of cuvettes, samples, reagents	✓		Cuvette capacity	240
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	160 VA
Wavelength	405 nm, 620 nm		Sound level	65 dB (A)
Digital light adjustment	✓		Analyzer dimensions (L x W x H)	73 cm x 55 cm x 58 cm
			Weight	38 kg
			Mains voltage	100 - 240 V

For further information please feel free to contact us
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Precision in Hemostasis

Behnk Elektronik

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