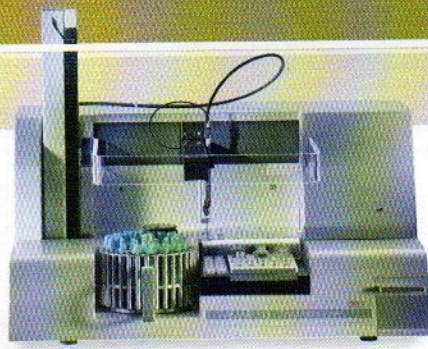
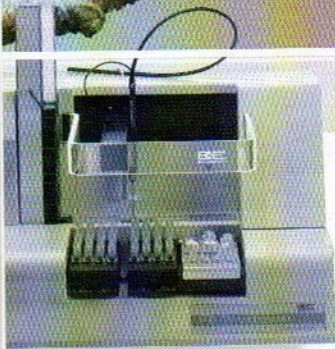


The **target** is clear
precise results



Thrombolyzer Compact X, XR/XRC and XRM
Coagulation Analysers With Positive Patient Identification

Thrombolyzer Series

The New Generation Instruments



The Highlights of Thrombolyzer

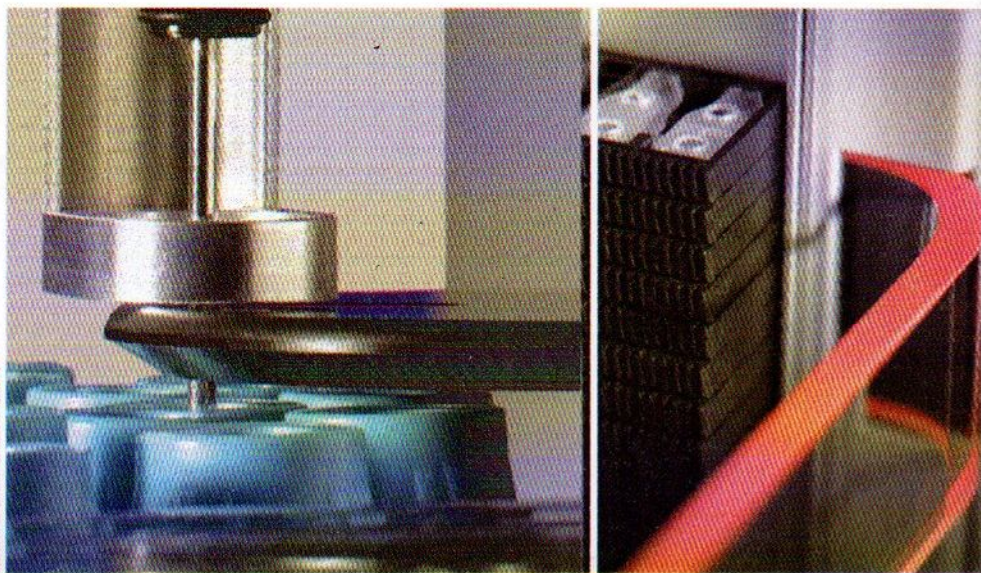
- LINUX-Based Software
- Large Database incl. Reaction Curves
- Full Traceability
- Digitalised Coagulation Signal
- One LIS Connection for
- User Friendly Routine Operation
- Medium or High Speed System
- Cap Piercing
- Integrated Cuvette Waste Disposal
- Attractive design
- Open and Well Protected Working Area

Success seldom happens by chance. More often, it's the result of constantly rising to meet new challenges. Where nature needs countless generations, we speed up evolution in diagnostic instrument technology by developing our expert engineering knowledge base. Behnk Elektronik is dedicated to progress and specialisation at the highest level.

With cap piercing, plasma samples are directly absorbed from the sealed collection tubes by the probe. This increases safety and hygiene as well as working speed when conducting coagulation assays. Plasma is initially dispensed into an intermediate well integrated in the cuvette strip before further processing, this step guarantees high precision with even the smallest sample volumes. Reagents, plasma and cuvettes can be added at any time during operation.

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

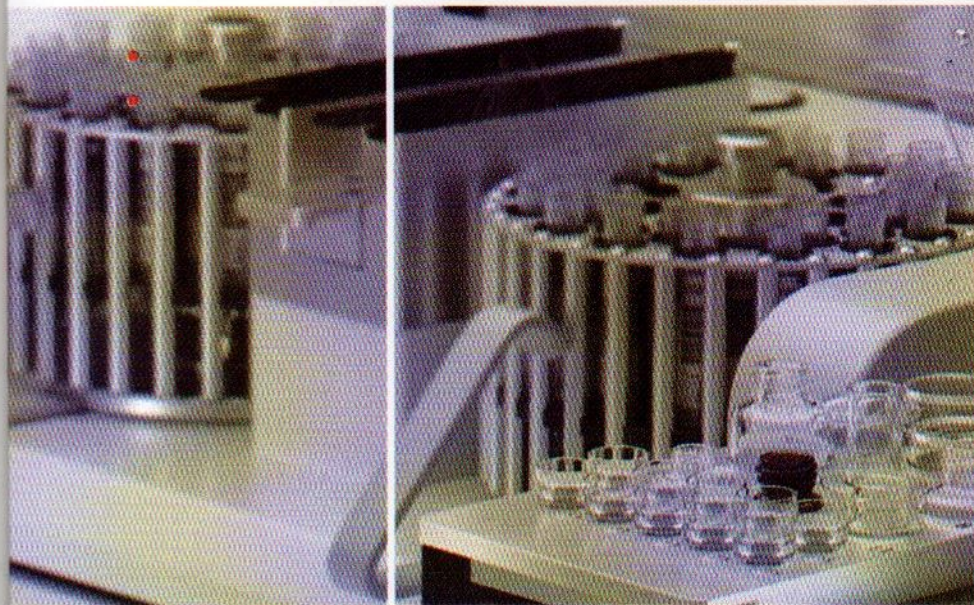
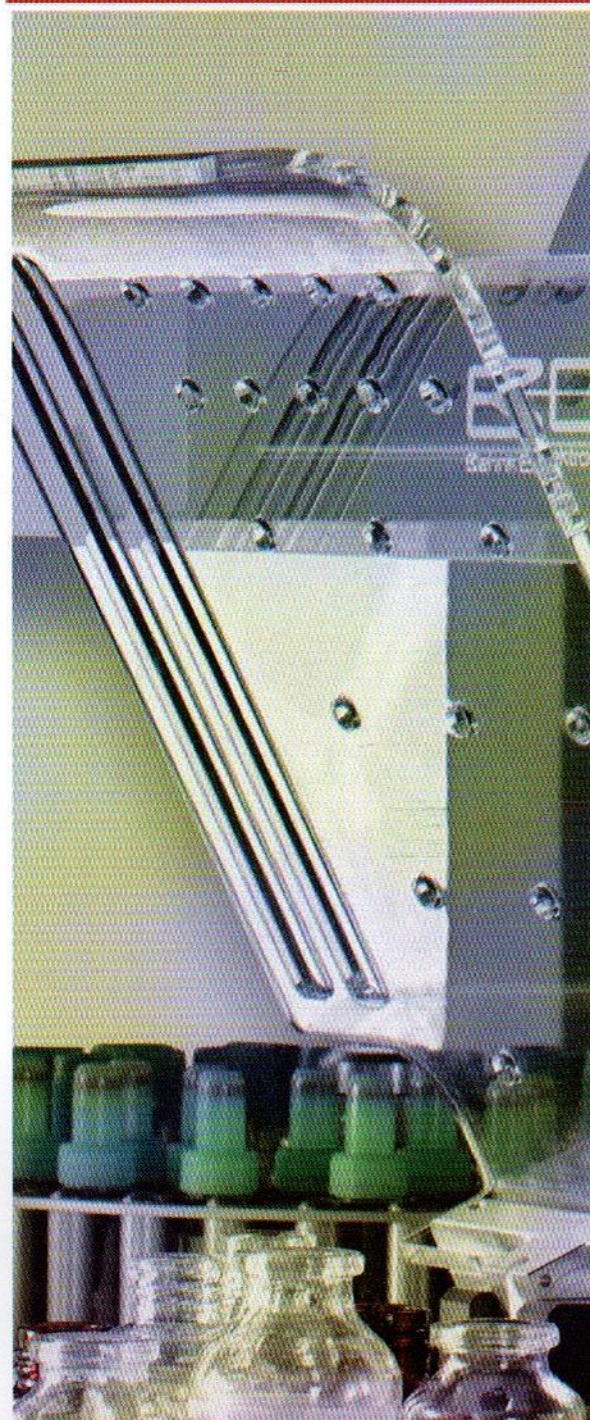
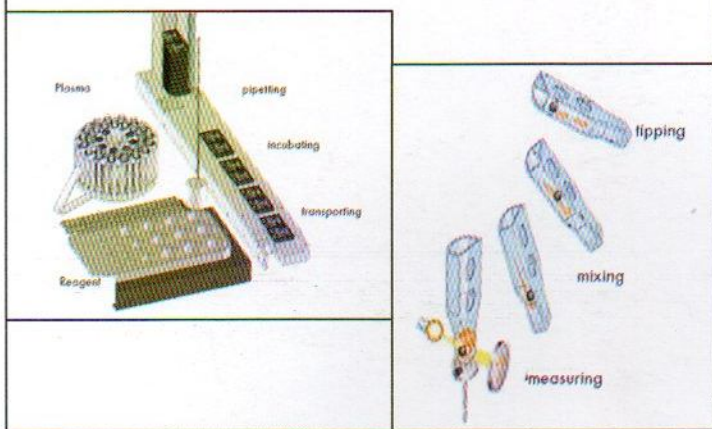
The high performance analysis software is another convincing feature. The reaction curve can, for example, be viewed in real time, thus enabling an immediate evaluation of the sample. All relevant test parameters such as calibration curves, reagent batches or reaction curves are saved in a separate database. Measuring results can then be analysed at any time.



The sample rotor is fitted with collection tubes outside the instrument and then inserted. A barcode scanner automatically registers all samples in the rotor. The system reports any interruptions in the testing process both acoustically and visually. The reagent unit can be drawn out to reload reagents at any time. Cuvette strips are utilised to the full thanks to the automatic strip return before their final disposal in the sensor controlled waste container.

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.

Detection Principle



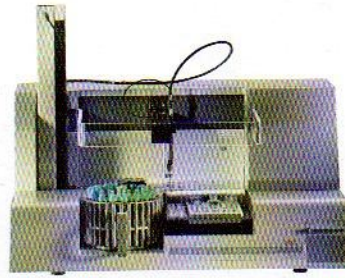
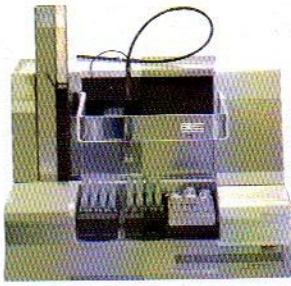
Thrombolyzer Series

Simple.

Reliable.

Fast.

Intelligent.



The Features of Thrombolyzer Compact X, XR/XRC and XRM at a glance



Specifications	Compact X	XR/C*	XRM*
Test Menu - Clotting Chromogenic & Turbidimetric	✓	✓	✓
Measurement - Mechanical - 405nm/620nm	✓	✓	✓
Samples on Board	36	31	62
Reagents on Board	16	16	27
Cuvette on Board	240	240	480
Throughput Tests/Hour	160	160	320
Cap Piercing	----	✓	✓
Uninterrupted Routine Functioning	✓	✓	✓
Derived Fibrinogen	----	✓	✓
Sample/Reagent Barcode (Optional)	✓	✓	✓
Measuring Channels	4	4	8
Predilution Positions	8	80	82
Stat Sample Positions	4 Position	Any Position	Any Position
Automatic Predilution	✓	✓	✓
Automatic Test Repetition	✓	✓	✓
Automatic Calibration Curve Creation	✓	✓	✓
Automatic Level Detection	✓	✓	✓
Reflex Test	✓	✓	✓
User Login	✓	✓	✓
Full Traceability	✓	✓	✓
Data Base all results with curves	✓	✓	✓
Random Access	✓	✓	✓
Operating System (Linux)	✓	✓	✓
LIS Interphase	✓	✓	✓
QC Programme (Levy-Jennings Graph)	✓	✓	✓
Dimension (LxWxH) cm	56x55x38	73x56x38	106x60x78
Weight	28 kg	38 kg	50 kg
Sound Level	48/61	52/66	45/65
Power Consumption (VA)	100	150	220

*-Cap Piercing



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