



# Thrombolyzer Comparison

## Innovative. Convenient. Reliable.

Thrombolyzer **XRS**



Thrombolyzer **XRM**



Thrombolyzer **XRC**



Compact **X**



|   |                                   |                                   |                                   |                               |
|---|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------|
| Sample throughput / with Cap piercing             | 320 tests/h / 200 tests/h         | 320 tests/h / 240 tests/h         | 160 tests/h / 120 tests/h         | 160 tests/h / -               |
| STAT samples                                      | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Time from standby to first PT result              | ~ 5 min.                          | ~ 5 min.                          | ~ 5 min.                          | ~ 5 min.                      |
| Sample identification                             | Positive, internal barcode reader | Positive, internal barcode reader | Positive, internal barcode reader | External barcode reader       |
| Positive reagent identification                   | ✓                                 | ✗                                 | ✗                                 | ✗                             |
| Clotting, Chromogenic, Immunologic tests          | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Cap piercing for variable primary receptacles     | ✓                                 | ✓                                 | ✓                                 | ✗                             |
| Continuous loading of cuvettes, samples, reagents | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Continuous operation / walk-away-time             | > 1 hour                          | > 1 hour                          | > 1 hour                          | > 1 hour                      |
| Calibration fully automatic                       | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Reaction curve plausibility check                 | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Micro clot detection                              | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Automatic test repetition                         | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Reflex tests                                      | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Wavelength  | 405 nm, 620 nm                    | 405 nm, 620 nm                    | 405 nm, 620 nm                    | 405 nm, 620 nm                |
| Digital light adjustment                          | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Interference detection                            | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| User-defined tests                                | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Patient data storage                              | > 100.000                         | > 100.000                         | > 100.000                         | > 100.000                     |
| Reaction curve availability                       | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Full reagent and sample result traceability       | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Reagent positions (cooled) / stirring positions   | 70 / 12                           | 27 / 3                            | 16 / 3                            | 16 / 2                        |
| Sample capacity                                   | 150                               | 62                                | 31                                | 32                            |
| Cuvette capacity                                  | 480                               | 480                               | 240                               | 240                           |
| Quality control program                           | ✓                                 | ✓                                 | ✓                                 | ✓                             |
| Low maintenance effort                            | Daily 5 min. / weekly 25 min.     | Daily 5 min. / weekly 25 min.     | Daily 5 min. / weekly 25 min.     | Daily 5 min. / weekly 25 min. |
| Operating system                                  | LINUX                             | LINUX                             | LINUX                             | LINUX                         |
| Security system                                   | Three security levels             | Three security levels             | Three security levels             | Three security levels         |
| LIS Interface                                     | Bi-directional                    | Bi-directional                    | Bi-directional                    | Bi-directional                |
| Power consumption                                 | 260 VA                            | 220 VA                            | 160 VA                            | 100 VA                        |
| Sound level                                       | 65 dB (A)                         | 65 dB (A)                         | 65 dB (A)                         | 65 dB (A)                     |
| Analyzer dimensions (L x W x H)                   | 130 cm x 65 cm x 91 cm            | 106 cm x 60 cm x 78 cm            | 73 cm x 55 cm x 58 cm             | 56 cm x 55 cm x 58 cm         |
| Weight  | 90 kg                             | 58 kg                             | 38 kg                             | 27.5 kg                       |
| Mains voltage                                     | 100 - 240 V                       | 100 - 240 V                       | 100 - 240 V                       | 100 - 240 V                   |

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