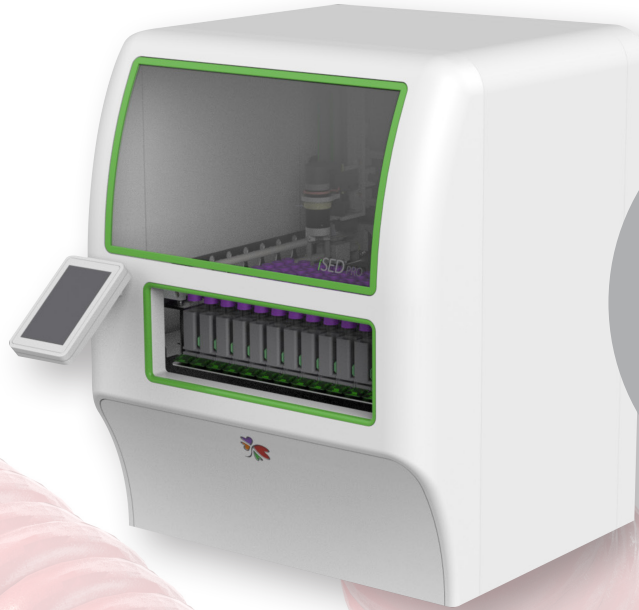


# iSED<sup>®</sup> PRO

## TECHNICAL SPECIFICATIONS For iSED<sup>®</sup> PRO Automated ESR Analyzer

iSED<sup>®</sup> PRO is a fully automated erythrocyte sedimentation rate (ESR) analyzer that is compatible with hematology racks and significantly improves laboratory efficiency by reducing the hands-on time and turnaround time required for ESR testing.



The latest innovation in high-throughput ESR testing

### Specifications

|                                    |   |
|------------------------------------|---|
| <b>Device Description</b>          | Automated analyzer for the determination of erythrocyte sedimentation rate of human whole blood |
| <b>Principle of Measure</b>        | Photometric rheology  |
| <b>Sample Type</b>                 | 500 µL whole blood collected in 13 x 75 mm EDTA capped tube<br>100 µL aspirated volume          |
| <b>Analytical Range</b>            | 1 – 130 mm/hr   |
| <b>Time to First Result</b>        | Within 20 seconds after pre-programmed sample mixing  |
| <b>Sample Loading</b>              | Compatible with Sysmex Racks; racks can be inserted random access                               |
| <b>Throughput</b>                  | 180 samples per hour  |
| <b>Capacity</b>                    | 120 samples, (12 Sysmex Hematology Racks)   |
| <b>STAT Function</b>               | STAT testing option   |
| <b>External Controls</b>           | Human blood-based SEDITROL <sup>®</sup> ESR Controls  |
| <b>Control Storage</b>             | Room temperature onboard external control storage   |
| <b>Automation of Controls</b>      | Automatic QC scheduler  |
| <b>Washing</b>                     | Automatic washing; no washing required before or after external control use                     |
| <b>Wash &amp; Waste Monitoring</b> | Bottle fill volume directly monitored via weight  |
| <b>Wash &amp; Waste Containers</b> | Made from recyclable plastic  |
| <b>Preventative Maintenance</b>    | Automatically scheduled deep cleaning based on test volume                                      |

|                                      |   |
|--------------------------------------|---|
| <b>Ethernet Port</b>                 | For manufacturing or network LIS connection<br>Bidirectional LIS protocol |
| <b>Barcode</b>                       | Internal  |
| <b>Printer</b>                       | External  |
| <b>Operating Environment</b>         | 10°- 30° C, indoor use, pollution degree – 2                              |
| <b>Storage/Transport Environment</b> | -20° to 60° C   |
| <b>Humidity</b>                      | 15% to 85% (non-condensing)   |
| <b>Power Supply</b>                  | 100-240 VAC   |
| <b>Power Consumption</b>             | 500W  |
| <b>Frequency</b>                     | 50/60 Hz  |
| <b>Over Voltage Category</b>         | Category II   |
| <b>Dimensions (L x W x H)</b>        | 495 x 553 x 670 mm (20 x 22 x 27 in)                                      |
| <b>Weight</b>                        | 38 Kg   |
| <b>Operational Altitude</b>          | 4000 Meters   |
| <b>Storage Altitude</b>              | 4000 Meters   |
| <b>Restrictions</b>                  | For Professional Use Only   |

### Contact information

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*iSED<sup>®</sup> PRO is in development. Specifications are subject to change.*

