







## Why choose miniSED?

-  **Fully automated/no sample setup or preparation**
-  **Smaller sample volume**
-  **Results in 15 seconds**
-  **7x longer sample stability**

|                                | miniiSED  | Sedimat 15 Plus  |
|--------------------------------|---|--|
| <b>Methodology</b>             | Measures RBC aggregation  | Measures RBC sedimentation (analyzer reads in SEDIPLAST <sup>®</sup> ESR tubes)  |
| <b>Sample Preparation</b>      | None required - uses primary, capped EDTA tube (samples can be mixed onboard or externally depending on user performance)   | Requires manual sample addition to SEDIPLAST ESR tube and mixing   |
| <b>Sample Volume</b>           | 500 µl whole blood total volume required (100 µl aspirated volume)  | 0.8 ml whole blood (added to SEDIPLAST ESR tube)   |
| <b>Sample Stability</b>        | 28 hours stored at room temperature, 48 hours for refrigerated samples  | 4 hours for samples stored at room temperature, 24 hours for refrigerated samples  |
| <b>Onboard Sample Capacity</b> | Processes one sample at a time  | 8 positions (for SEDIPLAST ESR Tubes)  |
| <b>Throughput</b>              | 180 samples/hour  | 32 samples/hour  |
| <b>Time to Result</b>          | 15 seconds  | 15 minutes   |
| <b>Barcode reader</b>          | Internal  | Optional external barcode reader   |
| <b>Printer</b>                 | Optional external printer   | Optional external printer  |
| <b>LIS connectivity</b>        | Yes   | Yes  |
| <b>Quality Control</b>         | SEDiTROL <sup>®</sup> ESR Control: <ul style="list-style-type: none"> <li>•Bi-level human whole blood-based controls</li> <li>•Convenient, ready-to-use format</li> <li>•Room temperature storage with 60 days open vial stability</li> </ul> | SED-CHEK <sup>®</sup> 2 ESR Controls <ul style="list-style-type: none"> <li>•Require preparation/mixing before use</li> <li>•Room temperature storage with 31 day open vial stability</li> </ul> |
| <b>Biohazard risk</b>          | Minimal - samples remain capped   | Blood must be transferred from collection tube to SEDIPLAST ESR tube   |