

Item. No.	Description	Channels	Printer Connection	Barcode Scanner Connection	HOST Connection	1hr. value after 30min.	30min. + 1hr. value after 30min.	30min., 1hr. + 2hr. value after 60min.	Prediction of value	Quality Control	Auto-test
<b>Erythrocyte Sedimentation Rate Analysers</b>											
836580	<b>SRS 100/II</b> Sed Rate Screener 100/II	100	✓	✓	✓	✓	✓	✓	✓	✓	✓
836587	<b>SRS 20/II</b> Sed Rate Screener 20/II	20	✓	✓	✓	✓	✓	✓	✓	✓	✓
836592	<b>SRT 10/II</b> Sed Rate Timer 10/II	10	✓	✗	✗	✓	✓	✓	✓	✗	✓

Item. No.	Description	Inner	Outer
<b>Accessories</b>			
836582	Thermal printer, for SRT 10/II, SRS 20/II and SRS 100/II	1 pc.	1 pc.
836283	Barcode scanner, for SRS 100/II and SRS 20/II	1 pc.	1 pc.
836585	Thermal paper roll for printer (836582) and integrated printers in 836580 & 836587	1 pc.	1 pc.
836586	Sed Rate Mixer (SRM) automatic Mixer for ESR-Tubes 9mm	1 pc.	1 pc.
836596	Sed Rate Mixer (SRM) automatic Mixer for ESR-Tubes 9mm/13mm	1 pc.	1 pc.
836597	Sed Rate Mixer (SRM) automatic Mixer for ESR-Tubes 13mm	1 pc.	1 pc.
836588	Control Unit for SRS 100/II, SRS 20/II and SRT 10/II	1 pc.	1 pc.
836577	<b>VACUETTE®</b> Multi-Mixer for <b>VACUETTE®</b> Tubes	1 pc.	1 pc.
836578	Rack for <b>VACUETTE®</b> 20-Pos. Multi-Mixer for 9 mm <b>VACUETTE®</b> Tubes	1 pc.	1 pc.
836579	Rack for <b>VACUETTE®</b> 20-Pos. Multi-Mixer for 13 mm <b>VACUETTE®</b> Tubes	1 pc.	1 pc.

Item. No.	Nom. Vol.	Cap Colour	Tube Size	Description
<b>Tubes</b>				
<b>4NC ESR sodium citrate 3.2%, glass</b>				
729093	1.6ml	black	9 x 120	4NC ESR sodium citrate 3.2%, glass, closed system
<b>4NC ESR sodium citrate 3.2%, PP (available in autumn 2009)</b>				
729073	1.5ml	black	9 x 120	4NC ESR sodium citrate 3.2%, PP, closed system

Further information regarding the **Manual ESR System** can be found at [www.gbo.com/preanalytics](http://www.gbo.com/preanalytics) or in the Greiner Bio-One Preanalytics Catalogue

Your Power for Health



Your Power for Health



For further information, please visit our website [www.gbo.com/preanalytics](http://www.gbo.com/preanalytics) or contact us:

**Austria (Main Office)**  
Greiner Bio-One GmbH  
Phone (+43) 75 83 67 91-0  
Fax (+43) 75 83 63 18  
E-Mail [office@at.gbo.com](mailto:office@at.gbo.com)

**France**  
Greiner Bio-One SAS  
Phone (+33) 1 69 86 25 50  
Fax (+33) 1 69 86 25 36  
E-Mail [office@fr.gbo.com](mailto:office@fr.gbo.com)

**Netherlands**  
Greiner Bio-One B.V.  
Phone (+31) 1 72 42 09 00  
Fax (+31) 1 72 44 38 01  
E-Mail [info@nl.gbo.com](mailto:info@nl.gbo.com)

**Thailand**  
Greiner Bio-One Thailand Ltd  
Phone (+66) 3 84 65 63-30  
Fax (+66) 3 84 65 63-6  
E-Mail [office@th.gbo.com](mailto:office@th.gbo.com)

**Brazil**  
Greiner Bio-One Brasil  
Phone (+55) 19 34 68 96 00  
Fax (+55) 19 34 68 96 01  
E-Mail [office@br.gbo.com](mailto:office@br.gbo.com)

**Germany**  
Greiner Bio-One GmbH  
Phone (+49) 201 861 86-0  
Fax (+49) 201 861 86-12  
E-Mail [office@de.gbo.com](mailto:office@de.gbo.com)

**Spain**  
VACUETTE Espana S.A.  
Phone (+34) 91 652 77 07  
Fax (+34) 91 652 33 35  
E-Mail [info@vacuette.es](mailto:info@vacuette.es)

**UK**  
Greiner Bio-One Ltd.  
Phone (+44) 14 53 82 52 55  
Fax (+44) 14 53 82 62 66  
E-Mail [info@uk.gbo.com](mailto:info@uk.gbo.com)

**Egypt**  
Greiner Bio-One Middle East  
Phone (+20) 26 21 87 06  
Fax (+20) 26 21 87 08  
E-Mail [hisham.ouda@gbo.com](mailto:hisham.ouda@gbo.com)

**Hungary**  
Greiner Bio-One Hungary Kft.  
Phone (+36) 96 21 30 88  
Fax (+36) 96 21 31 98  
E-Mail [office@hu.gbo.com](mailto:office@hu.gbo.com)

**Switzerland**  
Greiner Bio-One VACUETTE Schweiz GmbH  
Phone (+41) 7 12 28 55 22  
Fax (+41) 7 12 28 55 21  
E-Mail [office@ch.gbo.com](mailto:office@ch.gbo.com)

**USA**  
Greiner Bio-One North America Inc.  
Phone (+1) 70 42 61 78 00  
Fax (+1) 70 42 61 78 99  
E-Mail [office@us.gbo.com](mailto:office@us.gbo.com)

990082 rev. 03, 09.2009 e



**VACUETTE®**  
Automated  
ESR Systems

Practical, Safe, Time-saving ...

## VACUETTE® Automated ESR Systems



VACUETTE® Erythrocyte Sedimentation Rate Analysers

Cost effectiveness is an essential aspect of daily routine activities on the ward, in laboratories or in the doctor's office. In order to increase efficiency on a long-term basis, a cost-effective centralisation of the erythrocyte sedimentation rate analysis still remains an important step.

The **VACUETTE®** erythrocyte sedimentation rate analysers from Greiner Bio-One can help. In combination with the new **VACUETTE®** ESR tubes made out of virtually unbreakable plastic, you can save time and increase the safety standard in your laboratory.

The complete system offers the following advantages:

### ESR Analysers

- Simple menu sequence on the screen for user comfort
- Integrated plastic cover protects channels from dirt
- High performance motor is practically silent
- Fast high tube throughput made possible by predicted values
- Auto-test function checks readiness of the instrument
- Results automatically corrected to 18°C
- Quality control program to ensure correct measurement results
- Remaining analysis time is displayed
- Closed system for hygienic working

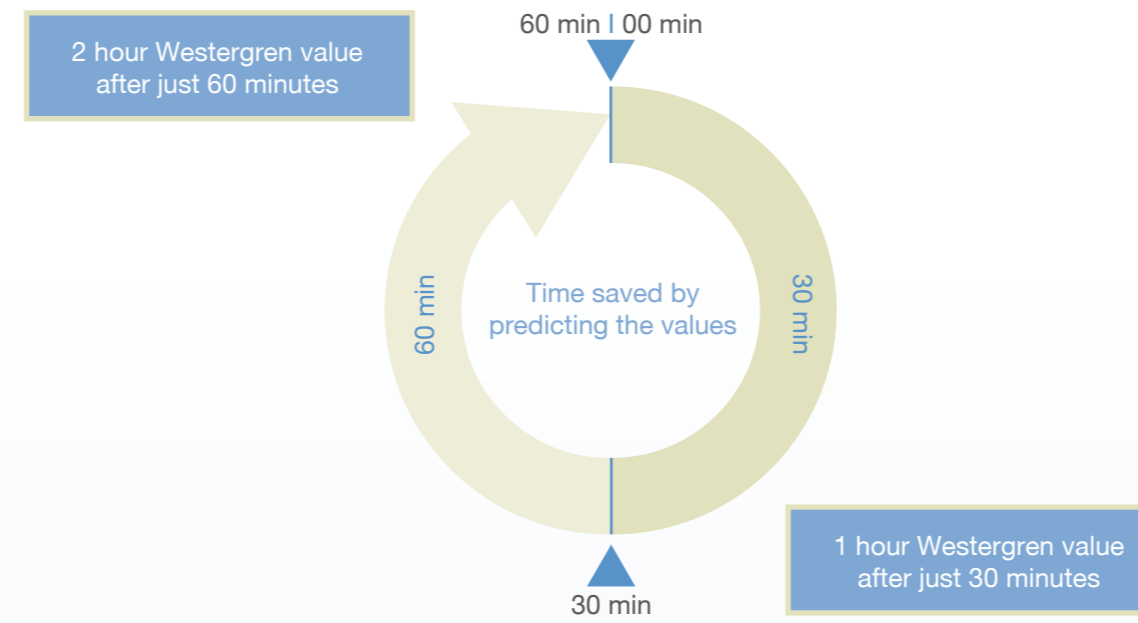
### ESR Tubes

- First ESR evacuated tube in the world to be made out of virtually unbreakable polypropylene (PP)
- Especially for use with the three analyser types
- Higher level of safety & hygiene compared to glass



## Efficiency combined with handling comfort

Tubes can be inserted into the instrument at any time during the analysis process. Since the tubes are analysed separately, there are no delays. Before measuring, there is an automatic fill level check.



## Three instruments – practical, safe, time-saving



### The compact one SED Rate Timer 10/II

- 10 measurement channels
- Port for external printer
- Auto-test function
- Tube throughput: 20 samples per hour



### The proven all-rounder SED Rate Screener 20/II

- 20 measurement channels
- Time-saving due to prediction of values
- Integrated thermal printer
- Function for representing sedimentation curve in a graph
- Barcode scanner port / HOST port
- Quality control program
- Auto-test function
- Tube throughput: 40 samples per hour



### The "big brother" SED Rate Screener 100/II

- 100 measurement channels
- Same functions as SRS 20/II
- Tube throughput: 200 samples per hour

## Accessories



### NEW VACUETTE® MultiMixer

- Rotation mixer for 40 tubes
- Flexible working procedure due to removable tube racks
- Different sized tubes can be mixed at the same time
- Four different mixing programs can be selected
- The mixing time should be for at least 5 minutes



### NEW PP Plastic tubes

- For hygienic blood collection using the **VACUETTE®** System
- New tube material ensures improved mixing properties in comparison to glass.
- Virtually unbreakable evacuated tube with 1.5ml fill volume
- The shelf-life remains at 12 months
- Transparent label with minimum & maximum fill level mark



### Barcode Scanner

- For quick and easy identification of samples