

VACUETTE® Automated ESR Systems

Item N°	Description	Channels	Printer Connection	Barcode Scanner Connection	HOST Connection	1 hour Westergren value after 15 min.	1 hour Westergren value after 30 min.	1 and 2 hour Westergren value after 60 min.	Prediction of value	Quality Control	Auto-test
Erythrocyte Sedimentation Rate Analysers											
836580	Sed Rate Screener 100/II (SRS 100/II)	100	✓	✓	✓	✓	✓	✓	✓	✓	✓
836587	Sed Rate Screener 20/II (SRS 20/II)	20	✓	✓	✓	✓	✓	✓	✓	✓	✓
836592	Sed Rate Timer 10/II (SRT 10/II)	10	✓	✗	✗	✓	✓	✓	✓	✗	✓

Item N°	Description	Packaging	
		Inner	Outer
Accessories			
836582	Thermal printer for SRT 10/II, SRS 20/II and SRS 100/II	1 pc.	1 pc.
836283	Barcode Scanner for SRS 20/II and SRS 100/II	1 pc.	1 pc.
836585	Thermal paper roll for Thermal printer 836582 and integrated printers 836580 & 836587	1 pc.	1 pc.
836588	ESR Control Unit for SRT 10/II, SRS 20/II and SRS 100/II	1 pc.	1 pc.
836577	VACUETTE® MultiMixer for VACUETTE® Tubes (Racks not included)	1 pc.	1 pc.
836578	Rack for VACUETTE® 20-Pos. MultiMixer for 9 mm VACUETTE® Tubes	1 pc.	1 pc.
836579	Rack for VACUETTE® 20-Pos. MultiMixer for 13 mm VACUETTE® Tubes	1 pc.	1 pc.

Item N°	Description	Packaging	
		Inner	Outer
Tubes			
729073	VACUETTE® Tube 1.5 ml 4NC ESR sodium citrate 3.2% 9x120 black cap, PP	50 pcs.	800 pcs.

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

Your **Power** for Health



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For further information, please visit our website www.gbo.com/preanalytics or contact us:

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VACUETTE® Automated ESR Systems

Practical, Safe, Time-saving ...





VACUETTE® Erythrocyte Sedimentation Rate Analysers

VACUETTE® Automated ESR Systems

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 **VACUETTE®** ESR tubes made out of virtually unbreakable plastic, you can save time due to different measuring times 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 different measurement times
- ⌄ 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

* SRS series

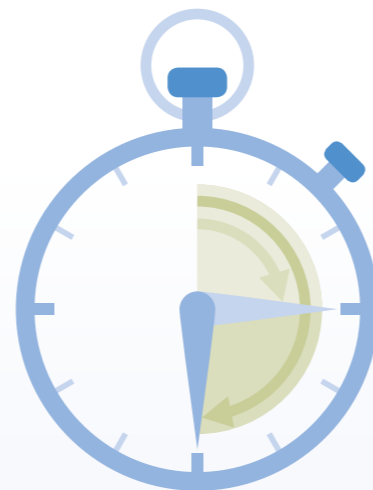
ESR Tubes

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



Even more 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. For the calculation of the 1 hour Westergren value you can save time by selecting different measurement times (15 or 30 minutes) and achieve up to 4 times more throughput.



1 hour Westergren value after just 15 or 30 minutes

Save time by selecting different measurement times



2 hour Westergren value after just 60 minutes

Three instruments – practical, safe, time-saving



The compact one – Sed Rate Timer 10/II

- ⌄ 10 measurement channels
- ⌄ Port for external printer
- ⌄ Auto-test function
- ⌄ Time saved by different measurement times
- ⌄ Tube throughput after 15 minutes – 40 samples per hour
- ⌄ Tube throughput after 30 minutes – 20 samples per hour



The proven all-rounder – Sed Rate Screener 20/II

- ⌄ 20 measurement channels
- ⌄ Integrated thermal printer
- ⌄ Function for representing sedimentation curve in a graph
- ⌄ Barcode scanner port / HOST port
- ⌄ Quality control program
- ⌄ Auto-test function
- ⌄ Time saved by different measurement times
- ⌄ Tube throughput after 15 minutes – 80 samples per hour
- ⌄ Tube throughput after 30 minutes – 40 samples per hour



The “big brother” – Sed Rate Screener 100/II

- ⌄ 100 measurement channels
- ⌄ Same functions as SRS 20/II
- ⌄ Tube throughput after 15 minutes – 400 samples per hour
- ⌄ Tube throughput after 30 minutes – 200 samples per hour

Accessories



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



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
- ⌄ Shelf-life of 12 months
- ⌄ Transparent label with minimum & maximum fill level mark



Barcode Scanner

- ⌄ For quick and easy identification of samples