

ESL 30

A Truly Automated walkaway ESR Analyzer
for Mid-size Labs (Meets CLSI and ICSH Guidelines)



Efficient

ICSH approved
Westergren method



Smart

Technology with batch
and continuous mode



Reliable

Results with temperature
and HCT correction

Making Automation Affordable
for labs Everywhere



ESL 30

Fully Automated Smart ESR system (based on Modified Westergren method)

The Erythrocyte Sedimentation Rate (ESR) is widely used for its clinical utility in establishing the diagnosis of several diseases, as well as monitoring the activity of selected inflammatory conditions such as autoimmune disease, infections or tumors. ESR remains one of the essential prognostic criteria in **Giant Cell Arteritis (GCA)** and **polymyalgia rheumatic**. The ESR has long been used as a "sickness indicator" due to its reproducibility.

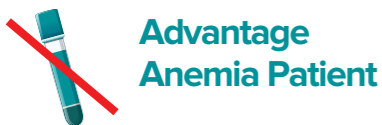
ESL 30 is a truly automated walkaway ESR system (including provision for STAT sample) with Touchscreen interface that improves workflow, turnaround time, and laboratory safety.

Key Benefits

Accurate Result



Measures all three phases of sedimentation as per Westergren method



HCT correction feature eliminates manual correction in Anaemic samples



Temperature correction at 18°C ensures reliable results

Operational Benefits



Throughput of 60 samples/hr



Standardization in mixing samples



Documentation of reports

Cost Benefits



No sample & reagent consumption, no waste generation



Zero consumption cost by using EDTA tubes



No additional cost



Advantages of ESL 30 over Manual Westergren method

- Fully automated and truly walk-away ESR system
- Fast TAT
- Negligible possibility of error
- Ensures accuracy of results
- Very stable Control day-to-day recovery – Ensures confidence in reporting
- Cost efficient
- Excellent correlation with manual Westergren method

Advantages of ESL 30 over Aggregation method

- Measures all three phases of sedimentation in 30 minutes - Excellent correlation with Classical Westergren Method (Gold Standard Method)
- No physical utilization of blood volume to perform ESR
- No bio-waste generation

Ordering Information

Product Code	Description	Pack size (ml)
190077	ESL 30 Batch Analyzer	
122020	Smart Card T2500	
122021	Smart Card T5000	
129030	Erba S check N	(1 X 4.5 ml)
129031	Erba S check P	(1 X 4.5 ml)
110309	Thermal Paper Roll (57 mm X 30 mm) for Printer	

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