

# 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

#### Operational Benefits



Throughput of 60 samples/hr

#### Cost Benefits



No sample & reagent consumption, no waste generation



HCT correction feature eliminates manual correction in Anaemic samples



Standardization in mixing samples



Zero consumption cost by using EDTA tubes



Temperature correction at 18°C ensures reliable results



Documentation of reports



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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