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ZellESR[®]

Erythrocyte Sedimentation Rate Analyser



SAFE



SIMPLE



QUALITY



RoHS
compliant



ISO
13485:2016



CE



Erythrocyte Sedimentation Rate Analyser

AUTOMATIC ESR ANALYSER

Sedimentation, Simplified.

ZellESR delivers automated erythrocyte sedimentation rate testing with Westergren-standardized results, infrared LED detection and minimal manual handling.

HOW IT WORKS

Erythrocyte sedimentation is measured by infrared LED detection and reported as Westergren-equivalent results in 30 or 60 minutes, with automatic temperature compensation to 18 °C (Manley table). Vacuum tubes with 3.8% sodium citrate load in random access, and a pre-indication is available at 12 minutes.

AT A GLANCE

● 20 Reading channels	● 30/60 Minutes per run	● 1-140 mm/hr range	● 12 min Early indication	● 9999 Result memory
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KEY FEATURES

- › Infrared LED detection
- › Westergren method, auto temp. compensation
- › Random-access sample loading
- › Built-in thermal printer
- › Barcode scanning & manual entry
- › LIS connectivity (RS-232, HL7)

SPECIFICATIONS

Principle: Infrared LED detection
Display: 4.2 in. colour touch
Analysis time: 30 / 60 min
Range: 1-140 mm/hr (± 0.1 mm)
Accuracy: ± 1 mm · CV < 5%
Memory: 9999 results
Power: 110-230 V AC, 50/60 Hz
Dimensions: 323 × 196 × 187 mm · 3.8 kg

PRODUCT CODES

	PRODUCT	CODE
Analyzers	ZellESR-20 Analyzer (20 channel)	ZE 20
Consumables	ESR Tubes (3.8% sodium citrate)	ZEA01
Accessories	Barcode Scanner	ZBCR

RoHS ISO 13485:2016 USFDA Registered CDSCO CE

IEC 61010-1:2010/AMD 1:2016 IEC 61010-1:2010 IEC 61010-2-101:2018

IEC 61326-1:2020 IEC 61326-2-6:2020

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