

ZellESR™



ERYTHROCYTE SEDIMENTATION RATE ANALYZER

Automation, convenience, speed and standardization of results..



Zell-ESR - Random Access ESR Analyzer - Technical Specifications

Principle	Infrared LED detection
Analysis method	Modified Westergren
Reading channels	20
Sample type	Whole blood in vacuum tube with 3.8% sodium citrate
Loading pattern	Random
Analysis time	30 or 60 Minutes
Throughput	40 Tests / hour
Pre indication of results	After 12 minutes
Measurement range	1 - 140 mm / hour
Reading resolution	± 0.1 mm
Accuracy	± 1 mm
Reproducibility	C. V. < 5%
Results	Westergren method RT & Auto compensation to 18°C as per manley table mm / hour
Memory	9,999 Sample results
Display	4.2" Color LCD touch screen
Printer	Built-in thermal printer
Interface	Via RS-232, HL7 protocol
Dimension	323 mm (L) x 196 mm (W) x 187 mm (H)
Weight	3.8 Kg
Power requirement	110 V - 230 V AC, 50 Hz / 60 Hz
Operational environment	15°C - 30°C, 20% - 80% Relative humidity without condensation
Standards & Regulations	ISO 13485, US FDA registered, CDSCO registered, CE certified 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

Product Codes	ZE20	ZEAO1	ZA01
	ZELLESR-20 ANALYZER	ESR TUBES	BARCODE SCANNER

Exclusively marketed in India by:



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