

ZBT-ESR™ DT10



ERYTHROCYTE SEDIMENTATION RATE ANALYZER

Green Solution, Reduced Waste, Lower Expenses..





ZBT - Random Access ESR Analyzer - Technical Specifications

Principle	Infrared LED detection
Analysis method	Modified Westergren
Reading channels	10
Sample type	Whole blood in EDTA / CBC tube (1.5 mL to 3.0 mL)
Loading pattern	Random
Analysis time	20 Minutes
Throughput	30 Tests / hour
Measurement range	1 - 140 mm / hour
Reading resolution	± 0.1 mm
Accuracy	± 1 mm
Reproducibility	C. V. < 5%
Results	Westergren method at 18°C as per manley table mm / hour
Memory	10,000 Sample results
Display	10" / 7" Color LCD touch screen
Patient ID	Alpha numeric up to 16 digits manual & through USB barcode scanner
Printer	Thermal printer
Interface	Via RS-232, HL7 protocol
Dimension	189 mm (L) x 282 mm (W) x 231 mm (H)
Weight	4.0 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	ZBT10	ZBTRT500	
	ZBT-ESR DT10 ANALYZER	RECHARGE TEST 500 Nos	
Product Codes	ZA01	ZBPRT	ZPRL
	BARCODE READER	THERMAL PRINTER	PRINTER PAPER ROLL

Exclusively marketed in India by:



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