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®

# ZBT-ESR

Erythrocyte Sedimentation Rate Analyser



SAFE



SIMPLE



QUALITY



RoHS  
compliant



ISO  
13485:2016



CE

# ZBT-ESR<sup>®</sup>

## Erythrocyte Sedimentation Rate Analyser

AUTOMATIC ESR ANALYSER · DT10

## Sedimentation, Simplified.

The ZBT-ESR DT10 runs ESR straight from the EDTA/CBC tube already drawn for the blood count — no separate citrate tube, and as little as 2 mL of whole blood — reporting modified-Westergren results in about 20 minutes.

### HOW IT WORKS

Samples load continuously with random access across 10 channels and are calculated by a modified Westergren method, reported at 18 °C and room temperature within 20 minutes. Because the test uses the same EDTA/CBC tube as the blood count, there is no citrate dilution step and no liquid waste to dispose of.

### AT A GLANCE

● **20 min**

Result time

● **10/60**

Random-access ch.

● **9999**

Data Storage

● **EDTA**

Citrate free

● **7'/10'**

touch screen

### KEY FEATURES

- › Citrate free — runs from EDTA/CBC tube
- › Small 2 mL whole-blood sample
- › Modified Westergren, reported at 18 °C
- › Continuous random-access loading
- › No liquid waste — lower disposal cost
- › Compact 7'/10' colour touch screen
- › Barcode reader, thermal printer & LIS (HL7)

### SPECIFICATIONS

Method: Modified Westergren, 18 °C  
Channels: 10/60, random access  
Result time: ~20 min  
Sample: 2 mL whole blood (EDTA/CBC)  
Connectivity: 2× USB · RS-232 / HL  
Power: 110–230 V AC, 50/60 Hz, 6 A  
Dimensions: 280 × 189 × 231 mm · 4 kg  
Operating: 15–30 °C · 20–80% RH

### PRODUCT CODES

|             | PRODUCT                                     | CODE  |
|-------------|---------------------------------------------|-------|
| Analyzer    | ZBT-ESR DT10 (10/60-channel, random access) | DT10  |
| Accessories | Thermal Printer                             | ZBPRT |
|             | 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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