

balio

diagnostics



OX 560 RET

Hematology Analyzer 5-Populations with
Optional Reticulocyte Counting.



OX - 560 RET.

TECHNICAL SPECIFICATIONS

PARAMETERS

34 PARAMETERS: WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, PLT, MPV, PDW, PCT, P_LCR, P_LCC, RETIC%, RETIC_ABS, IRF

Research parameters: ALY#, ALY%, LIC#, LIC%, NRBC, NRBC%
3 histograms for RBC, WBC, and PLT, 3 scattergrams 2D for WBC differentiation.

PRINCIPLES

WBC + DIFF: Flow cytometry: laser light scattering at 4 angles

Total WBC: Optical and impedance measurements

RBC/PLT Analysis: Impedance method

Total HGB: Colorimetry with cyanide-free reagents

Total RETIC: Flow cytometry with staining solution

Independent Optical Reading for Basophils

TEST MODE

CBC, CBC + 5 DIFF, CBC + 5 DIFF + RRBC, Réticulocytes.

SAMPLE TYPES

Venous blood, capillary blood, pre-diluted blood.

SAMPLE VOLUME

20 µL.

THROUGHPUT

60 tests per hour in whole blood and pre-diluted blood.

ALARMS

Several error messages with clear text.

DISPLAY

10.4" touchscreen with intuitive software.

OPERATIONAL ENVIRONMENT

Temperature: 15°C

Relative Humidity: ≤ 85%

Atmospheric Pressure: 60 kPa - 106 kPa

DATA STORAGE

Up to 200,000 results with graphs.

REAGENTS

Diluent, Lyse, Sheath, Detergent, Stain for RET, External cleaning solution.

DIMENSIONS AND WEIGHT

490 x 332 x 459 mm & 35 kg.

POWER SUPPLY

250VA



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