

# balio

diagnostics



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# OX - 560

**5 part-diff auto hematology analyzer**

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# OX - 560

## 5 part-diff auto hematology analyzer

OX - 560 is the best solution for laboratories which want to switch from 3 part-diff to 5 part-diff. Thanks to its small size and its simplified procedures developed to make daily laboratory operations easier, OX - 560 offers qualities of the biggest analyzers with advantages of the small ones.

### Robust and Efficient

OX - 560 is one of the most compact 5 part-diff instrument of the market and can easily find its place in every laboratory. With a memory of 100 000 results, 3 histograms, 3 scattergrams 5 diff, and 1 scattergram basophils OX - 560 offers a full and complete review of patients datas.

### Low maintenance

A simplified maintenance is offered by the OX560. The maintenance is mainly based on daily automated cleaning operation. Plus, there is more automated cleaning procedures available.

### Intuitive and User-friendly

OX - 560 is equipped with a 10.4" color touch screen simplifying the daily operations. Always in order to make the work more comfortable, the printing format can be customized by the user. All the operating tasks appear on the screen.

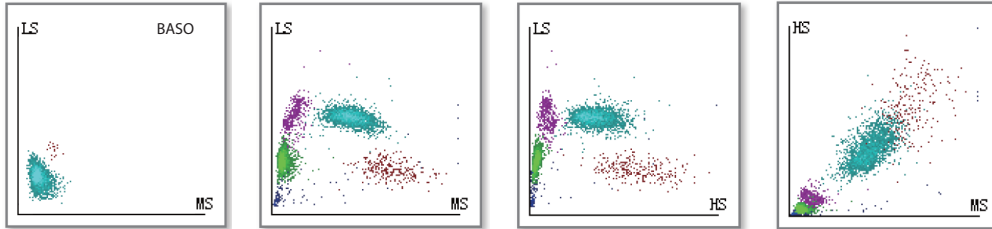
### Precise and Reliable

OX - 560 is characterized by a wide linearity range, excellent background and CV% which guarantee the basis of a first-class diagnosis.



# OX - 560

## Real double optical channel



The result classification is more precise thanks to the real double optical channel. OX - 560 provides an independent channel for white blood cells' counting and an isolated reading for basophil counting.

- + 5 part-diff with 27 parameters (4 for research only)
- + Flow cytometry, impedance method, colorimetry
- + 60 tests per hour
- + Independent channel for basophil measurement
- + 10.4" high resolution TFT touch screen
- + Flagging ability
- + Storage capacity of 100000 results
- + USB ports , Bidirectional LIS
- + Possibility to connect external printer

OX - 560



### Low sample volume

Only 15  $\mu$ L is required as sample volume which is ideal for pediatric and geriatric patients.

### OX - 560 Reagents

OX - 560 reagents have a validity period of 60 days after opening and their consumption is optimized ensuring low cost.

# OX - 560

## TECHNICAL SPECIFICATIONS

### PARAMETERS.

27 parameters : WBC, Lymp%, Mon%, Neu%, Bas%, Eos%, Lymp#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT,  
Research parameters : LIC%, LIC#, ALY%, ALY#.  
3 histograms for WBC, RBC and PLT.  
5 DIFF scattergrams and 1 BASO scattergram.

### PRINCIPLES.

Impedance method for RBC and PLT counting.  
Colorimetry for HGB measurement using cyanide free reagents.  
Flow Cytometry (FCM) using Tri-angle laser scatter method for WBC differentiation.

### REPEATIBILITY.

WBC  $\leq$  2.0 %  
HGB  $\leq$  1.5 %  
MCV  $\leq$  1.0 %  
RBC  $\leq$  1.5 %  
PLT  $\leq$  4.0 %

### STORAGE CAPACITY.

100 000 samples

### DISPLAY.

10.4' inch TFT Touch Screen

### THROUGHPUT.

60 samples per hour.

### MULTI-LANGUAGE.

English, French, Spanish, Spanish and other languages available.

### COMMUNICATION.

LAN port supports HL7 protocol. 4 USB ports, Bidirectional LIS.

### PRINTOUT.

External Printer / inkjet printer, various user predefined formats.

### DIMENSIONS.

364mm(L) x 431mm(W) x 498mm(H).

### NET WEIGHT.

26.5 Kg.

### OPERATING ENVIRONMENT.

Temperature : 15°C-30°C ; RH% = 20%-85%,  
Atmospheric pressure : 70kPa – 106kPa

Reference	Designation
OX560	Auto Hematology Analyzer OX - 560
OX56D2000	Diluent 560.20
OX56L0020	LYC-1 Lyse 560.2
OX56L0050	LYC-2 Lyse 560.5
OX50C0005	CLE-P Cleanser 500.05

