

# balio

diagnostics



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# OX 560

The 5-participant analyzer for everyone

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# OX - 560

- + 5 populations, 31 parameters (6 for research)
- + Laser diffraction, Staining, Flow cytometry
- + 60 tests per hour, sample volume: 15 µL
- + Independent chamber for Baso measurement
- + Dual optical channel and impedance for white blood cell and BASO counting
- + Ability to identify abnormal cells
- + Large storage capacity: 50,000 samples
- + Supports USB - LAN - Bidirectional LIS
- + Supports external printer / Inkjet printer
- + High-resolution 10.4" touchscreen display

## Robust and High-Performance

The OX-560 is one of the most compact 5-participant analyzers on the market, easily fitting into any laboratory. With a memory of 50,000 results, 3 histograms, 3 scattergrams for 5 populations, and 1 scattergram for basophils, the OX-560 provides precise and comprehensive result transcription.

## Low Maintenance

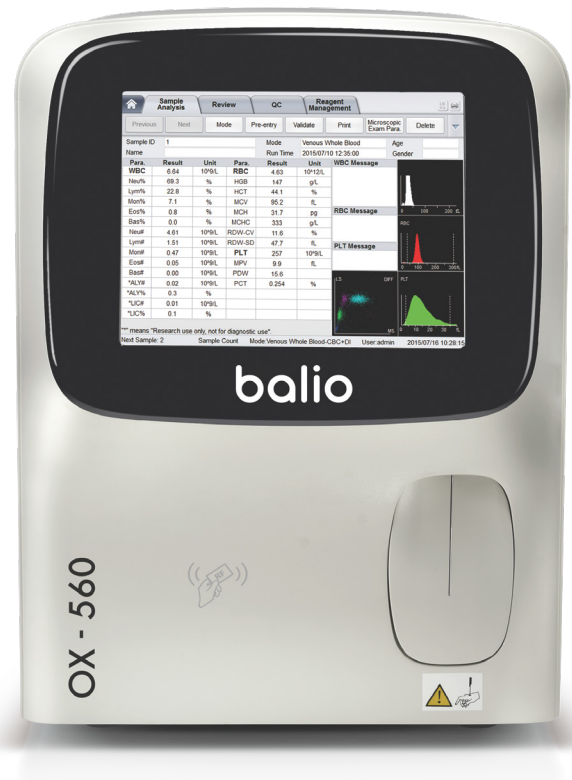
The OX-560 is very user-friendly, especially thanks to its simplified maintenance. A daily cleaning of the probes is sufficient. Additionally, only one button is needed for troubleshooting: the "Intelligent Fault Diagnosis System."

## Intuitive and Easy to Use

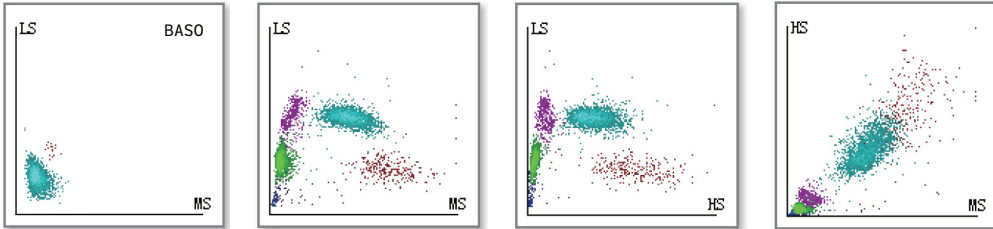
The OX-560 features a 10.4" touchscreen that simplifies daily laboratory work. In line with this, the print format can be adjusted by the user, and all tasks to be performed are displayed instantly.

## Precise and Reliable

The OX-560 is characterized by a wide linearity range, low carryover, excellent background, and reliable results, which form the foundation for excellent diagnostics.



# OX - 560



The OX-560 is equipped with a dual optical channel that facilitates result differentiation and provides greater precision. The instrument has an independent chamber for counting white blood cells and basophils.



## Low Volume

Only 15  $\mu$ L are required for the analysis, an ideal amount of whole blood for pediatric and geriatric samples.



## OX-560 Reagents

The reagents for the OX-560 have a shelf life of 2 years before opening, and their consumption is optimized to ensure low cost.



# OX - 560

## TECHNICAL SPECIFICATIONS

### PARAMETERS

31 parameters including 6 for research:  
WBC, Lymph%, Mon%, Neu%, Bas%, Eos%, Lymph#, Mon#, Neu#, Eos#,  
Bas#, LIC%, LIC#, ALY%, ALY#, NRBC%, NRBC#, RBC, HGB, HCT,  
MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT,  
P-LCR, P-LCC.  
3 histograms for WBC, RBC, and PLT.  
3 scattergrams for 5 populations and 1 scattergram for BASO.

### PRINCIPLES

Impedance method for RBC and PLT counting.  
Cyanide-free reagent.  
Flow cytometry, colorimetry for hemoglobin, and triple-angle laser for  
SPOP analysis and WBC counting.

### REAGENTS

Diluent 560.20, Lyse 560.5, Lyse 560.2.

### LINEARITY RANGE

WBC (0.00-300.00) x 10<sup>9</sup> /L  
HGB (0-250) g/L  
HCT 0.0-67.0 %  
RBC (0.00-8.50) x 10<sup>12</sup>/L  
PLT (0-3000) x 10<sup>9</sup>/L

### REPEATABILITY

WBC ≤ 2.0 %  
HGB ≤ 1.5 %  
MCV ≤ 1.0 %  
RBC ≤ 1.5 %  
PLT ≤ 4.0 %

### DISPLAY

High-resolution 10.4" touchscreen.

### THROUGHPUT

60 tests per hour.

### MULTI-LANGUAGE

English, French, Spanish, Russian, Portuguese.

### COMMUNICATION

One LAN port supporting the HL7 protocol. 4 USB ports,  
bidirectional LIS.

### PRINTING

External/internal printer, inkjet printer, multiple predefined user  
formats available.

### DIMENSIONS

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

### NET WEIGHT

26.5 Kg.

