

balio

diagnostics



OX - 560

The 5 part-diff for everyone.

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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 solution developed to simplify daily operations, OX - 560 offers qualities of the biggest analyzers with advantages of the small ones.

Robust and Powerful

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 50 000 results, 3 histograms, 3 scattergrams 5 diff, and 1 scattergram basophils OX - 560 offers a full and complete review of patients datas.

Low maintenance

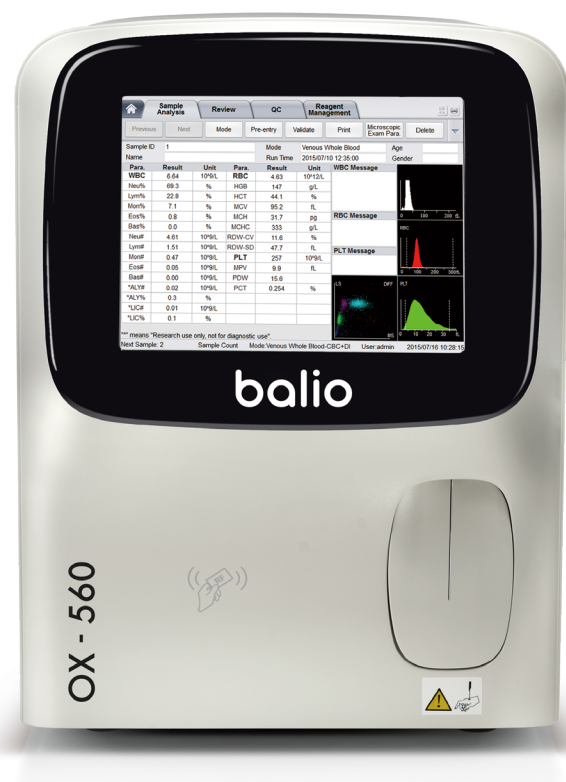
OX - 560 is very easy to operate and especially thanks to its simplify maintenance. For the latter, it is performed daily only by soaking probes cleaner and only one button is necessary to troubleshoot : Intelligent Fault Diagnosis System.

Intuitive and User-friendly

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

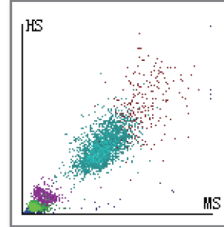
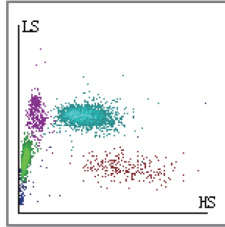
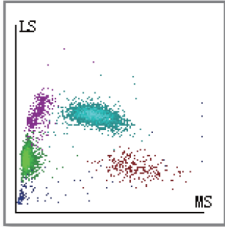
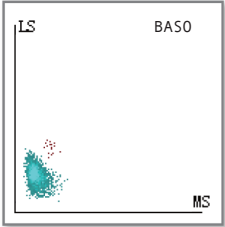
Precise and Reliable

OX - 560 is characterized by a wide linearity range, low report, excellent background and reliable results which guarantee the basis of a first-class diagnosis.



OX - 560

Real double optical channel



The differentiation of results are more precise thanks to the real double optical channel. OX - 560 provides an independent channel for basophils measurement.

- ⊕ 5 part-diff with 27 parameters (4 for research)
- ⊕ Laser scatter, chemical dye, flow cytometry
- ⊕ 60 tests per hour
- ⊕ Independent channel for basophil measurement
- ⊕ Double optical channel and impedance for WBC and BASO counting
- ⊕ Power capability to flag abnormal cells
- ⊕ Large storage capacity : 50 000 samples
- ⊕ Support USB - LAN - Bidirectional LIS
- ⊕ Support external inkjet and laser printer
- ⊕ 10.4" high resolution TFT touch screen

OX - 560



Low sample volume

Only 15 µL is required as sample volume which is ideal for pediatric and geriatric patients.

OX - 560 Reagents

OX - 560 reagents offer a long shelf life of 2 years and the consumption is optimized ensuring low operation costs.

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TECHNICAL SPECIFICATIONS

PARAMETERS.

27 parameters: WBC, Lymph%, Mon%, Neu%, Bas%, Eos%, Lymph#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, 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. Cyanide free reagent for hemoglobin test. Flow Cytometry (FCM) + Tri-angle laser scatter method for WBC 5 part-differential analysis and WBC counting.

REAGENTS.

Diluent 560.20, Lyse 560.5, Lyse 560.2.

LINEARITY RANGE.

WBC (0.00-300.00) $\times 10^9$ /L
HGB (0-250) g/L
HCT 0.0-67.0 %
RBC (0.00-8.50) $\times 10^{12}$ /L
PLT (0-3000) $\times 10^9$ /L

REPEATABILITY.

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

DISPLAY.

10.4' inch TFT Touch Screen

THROUGHPUT.

60 samples per hour.

MULTI-LANGUAGE.

English, French, Spanish, Russian, Portuguese.

COMMUNICATION.

LAN port supports HL7 protocol. 4 USB ports, 1 LAN Port, Bidirectional LIS.

PRINTOUT.

External Printer / inkjet printer, various user defined formats.

DIMENSIONS.

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

NET WEIGHT.

26.5 Kg.

