

balio

diagnostics



OX 360

Hematology analyzer

OX - 360

- + 3 populations and 21 parameters
- + Impedance method and cyanide-free for HGB
- + 60 tests per hour
- + Double Coulter chamber
- + 10.4" high-resolution touchscreen
- + Automatic cleaning of orifices and needle
- + Large memory: 50,000 results
- + Automatic and/or manual calibration factors
- + Numerous error detection alarms
- + Total blood aspiration volume: 14 µL

Robust and High-Performance

The OX-360 easily fits into any laboratory thanks to its compact size. With a memory of 50,000 results and 3 histograms, the analyzer provides a complete and accurate report of the patient's data.

Optimized Maintenance

The OX-360 features optimized maintenance that simplifies daily use. The cleaning of chambers, removal of potential blockages, and washing of fluidic elements are fully automated.

Simple and Intuitive

With its large 10.4" touchscreen, daily work is made easier. To further improve usability and ensure better result readability, data is printed on 80mm-wide paper.

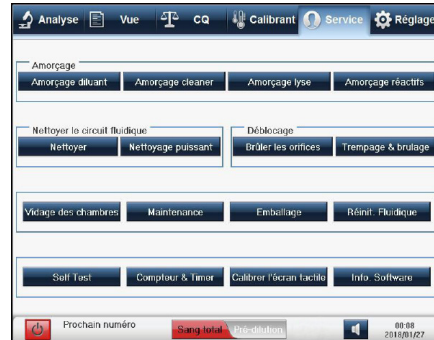
Precise and Reliable

The OX-360 is characterized by a wide linearity range, excellent background, and very good CVs, all of which form the foundation for excellent diagnostics.



OX - 360

Simple and Intuitive Software



With its 6 different menus, the OX-360 software offers a modern and intuitive interface. The 3 histograms enable easier interpretation of result analysis.

Automation

Automatic blank test

Automatic movement check and blank test at startup.

Automatic Dilution

The OX-360 provides a precise volume of diluent in the pre-diluted blood mode.

Automatic Maintenance

Several automated maintenance procedures. Automatic cleaning before shutting down the analyzer.

Diagnostic indicators

The OX-360 provides alerts in the form of pathological condition indicators to assist healthcare professionals in their diagnosis.

Alarms

The OX-360 provides clear and precise alarm information.

Several alarms are displayed for issues such as abnormal tests, empty or expired reagents, full waste container, and the presence of bubbles in the counting chamber.



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TECHNICAL SPECIFICATIONS

PARAMETERS.

21 parameters: WBC, Lymph%, Mid%, Gran%, Lymph#, Mid#, Gran#, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC.
3 histograms for WBC, RBC, and PLT.

MEASUREMENT PRINCIPLES.

Impedance method for blood cell counting. Colorimetric method for hemoglobin measurement. Cyanide-free reagents.

THROUGHPUT.

60 samples per hour.

COUNTING CHAMBERS.

Dual Coulter chamber.

SAMPLE VOLUME.

Whole blood: 14 μ L.
Pre-diluted: 20 μ L.

REFERENCE VALUES.

Pre-programmed reference values for five profiles: male, female, child, new born, and general.

REPEATABILITY.

WBC \leq 2.0%
HGB \leq 1.5%
MCV \leq 0.5%
RBC \leq 1.5%
PLT \leq 4.0–5.0%

PRINTER.

Integrated patented printer, 80 mm wide paper, easy to reload.
Prints in 5 seconds.

LANGUAGES.

French, English, Spanish, Russian, Italian, Portuguese, Indonesian, Japanese, Ukrainian.

MEMORY.

50,000 samples, including results and histograms.

COMMUNICATION.

One network port, one RS-232 port, 4 USB ports.
Data import and export via USB port.
Possibility to connect: keyboard, mouse, barcode scanner, and printers via USB port, and LIS connection possible.

QUALITY CONTROL.

Levey-Jennings graphs with calculation of mean, SD, and CV.

REAGENTS.

Lyse, Diluent, Detergent, External cleaning solution.

DIMENSIONS & WEIGHT.

368mm \times 468mm \times 475mm and 23 kg.

OPERATING ENVIRONMENT.

Temperature: 10°C - 30°C, Humidity \leq 70%, Atmospheric pressure: 70kPa - 106kPa.