

balio

diagnostics



OX - 360

Auto Hematology Analyzer

OX - 360

3 part-diff hematology analyzer

OX - 360 is the best solution for laboratories which perform small number of samples per day. Thanks to its small size and its solution developed to simplify daily operations, OX - 360 is an economic alternative for laboratories.

Robust and Powerful

OX - 360 can easily find its place in every laboratory thanks to its compact size. With a memory of 10 000 results, 3 histograms, OX - 360 offers a full and complete review of patients datas.

Automated maintenance

OX - 360 provides automated maintenance making daily processes more convenient. Thus, chambers cleaning, clogging removal and fluidic elements cleaning are mechanized and automated.

Intuitive and User-friendly

OX - 360 offers a 10.4" color touch screen simplifying the daily operations. Always in order to make the work more comfortable, the patented printer provides wide 80 mm paper for better reading.

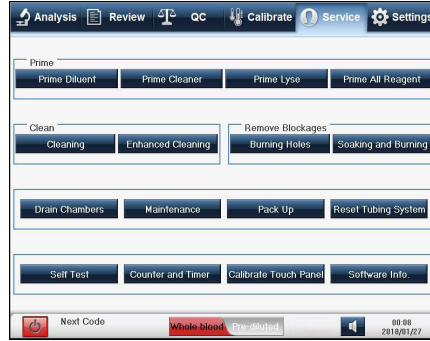
Precise and Reliable

OX - 360 is characterized by a wide linearity range, excellent background and excellent CV which guarantee the basis of a first-class diagnosis.



OX - 360

Intuitive and user-friendly software



With 6 different modes, the OX - 360 software offers a modern and intuitive interface. 3 histograms are available to facilitate the results reading. A flush function is also accessible.

- ⊕ 3 part-diff analyzer with 21 parameters
- ⊕ Impedance method and cyanide free for HGB
- ⊕ 60 tests per hour
- ⊕ Double channel for counting
- ⊕ 10.4" high resolution TFT touch screen
- ⊕ Holes automatic cleaning before and after test
- ⊕ Storage capacity 40 000 samples
- ⊕ Support manual and/or automatic calibration
- ⊕ Several running status alarms
- ⊕ Sample whole blood volume : 14 µL

OX - 360

Automatic processes

Automatic blank counting

Automatically start a blank counting and auto-assessment of the results during start-up process.

Automatic re-counting

Automatically re-count after unclogging treatment while a counting hole is clogged, avoid re-collecting blood.

Automatic adjusting

Automatically adjusting voltage of HGB blank. Automatically adjusting alarm thresholds of clogging and bubble of counting apertures.

Anemia indications

OX - 360 provides various pathological indications.

Normocytic and normochromic anemia. Macrocytic and normocytic anemia. Microcytic hypochromic anemia. Microcytic anemia.

Alarms information

OX - 360 provides text of alarm information is clear.

Multiple alarms of running status including blank counting abnormal, reagents empty, waste full, counting hole clogged counting area bubble...



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TECHNICAL SPECIFICATIONS

PARAMETERS.

21 parameters : WBC, Lymp%, Mid#, Gran#, Lymp%, 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.

PRINCIPLES.

Impedance method for cells counting. Cyanide free colorimetric method for hemoglobin measurement.

THROUGHPUT.

60 samples per hour.

MEASURING CHANNELS.

Double channel for counting.

REAGENTS.

Diluent 360.20, Lyse 360.5, Cleaner 360.05

SAMPLE VOLUME.

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

REFERENCE VALUE SETTINGS.

Preset five sets of reference values, man, woman, child, baby and general.

REPEATABILITY.

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

PRINTER.

Built-in patented structure thermal printer, paper 80 mm wide, easy to load paper. Report printing takes only 5 seconds.

MEASURING OF UNCLOGGING.

Black flushing, soaking and burning. Automatic unclogging treatment before and after the sample analysis.

LANGUAGES.

English, French, other languages on request.

STORAGE.

Can store 40 000 sample results, including parameters, histograms.

COMMUNICATION.

Open communication protocol, support connection to LIS.

DATA PORTS.

One network port, one RS-232 port, 4 USB ports,
Import or export data via USB port,
Upgrading software via USB port,
Keyboard, mouse, barcode scanner, and multiple printers connected via USB port.

QUALITY CONTROL SYSTEM.

Include 9 QC files, automatically draw quality control chart, provide the average, SD, CV.

CALIBRATION SYSTEM.

Support manual and/or automatic calibration.

DIMENSIONS & WEIGHT.

368mm x 448mm x 475mm and 23 kg.

OPERATING ENVIRONMENT.

10°C - 30°C temperature and 70% humidity.