

balio

diagnostics



OX - 360

3 part-diff 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 Efficient

OX - 360 can easily find its place in every laboratory thanks to its compact size. With a memory of 50 000 results, 3 histograms, OX - 360 offers a full and complete review of patients' data.

Optimized maintenance

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

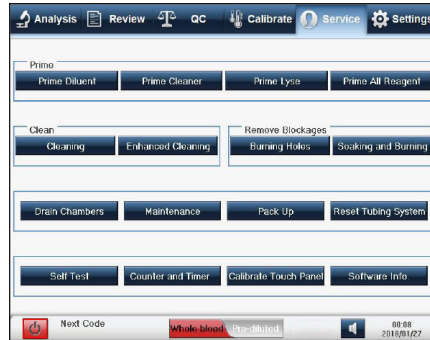
Precise and Reliable

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



OX - 360

Intuitive and user-friendly software



With 6 different menus, the OX - 360 software offers a modern and intuitive interface. 3 histograms are available to facilitate the results reading.

- + 3 part-diff analyzer with 21 parameters
- + Impedance method and colorimetric method for HGB
- + 60 tests per hour
- + Double channel for counting
- + 10.4" high resolution TFT touch screen
- + Automatic cleaning of counting apertures before and after
- + Storage capacity 50 000 samples
- + Manual and/or automatic calibration factors' calculations
- + Numerous alarms for error detection
- + Sample volume in whole blood mode : 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 dilution

Automatically provides the right amount of diluent in the pre-diluted mode.

Automatic maintenance

Multiple automatic maintenance procedures. Automatic cleaning before shutdown.

Diagnosis indications

OX360 provides alarms suggesting pathological indications to help healthcare professionals perform the diagnosis.

Alarms information

OX - 360 provides clear alarm information.

Multiple alarms of running status including abnormal results, empty reagents, waste container full, counting hole clogged, bubbles in the counting area...



OX - 360

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.

MEASUREMENT PRINCIPLES.

Impedance method for cell counting. colorimetric method for hemoglobin measurement. Cyanide free reagent.

THROUGHPUT.

60 samples per hour.

MEASURING CHANNELS.

Two chambers for counting.

SAMPLE VOLUME.

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

REFERENCE VALUES.

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 thermal printer, paper 80 mm wide, easy to load paper. Report printing takes only 5 seconds.

LANGUAGES.

English, French, Spanish and other languages available.

STORAGE.

Can store 50 000 sample results, including parameters, histograms.

COMMUNICATION.

One network port, one RS-232 port, 4 USB ports, Import or export data via the USB ports, Keyboard, mouse, barcode scanner, and printer can be connected via the USB ports and connection to LIS system possible

QUALITY CONTROL SYSTEM.

Many QC files, Levey-Jennings quality control chart, calculation of average, SD and CV%

DIMENSIONS & WEIGHT.

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

OPERATING ENVIRONMENT.

10°C - 30°C temperature and 70% humidity
Atmospheric pressure : 70 kPa - 106 kPa

Reference	Designation
OX360	Auto Hematology Analyzer OX - 360
OX36D2000	Diluent 360.20
OX36L0500	Lyse 360.05
OX36C5000	Cleaner 360.5
OX36C0200	Concentrated Cleaner 360.02
OX36C0100	Probe Cleaner 360.01