

# balio

diagnostics



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# OX - 560 RET.

**The 5 part-diff with reticulocytes.**

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## TECHNICAL SPECIFICATIONS

### PARAMETERS.

34 Paramteres: WBC, LYM%#, MON%#, NEU%#, EOS%#, BASO%#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW\_CV, RDW\_SD, PLT, MPV, PDW, PCT, P\_LCC, P\_LCR, RET%, RET\_ABS, IRF, NRBC%#, LIC%#, ALY%#. 2 Histograms for RBC and PLT. 2 Scattergrams for WBC Diff (5 part diff scattergram and eosinophils and moutrophils scattergram). 2 Scattergrams 3D.

### PRINCIPLES.

WBC Diff : Flow cytometry, semi-conductor laser light multi dimensional cell classification.

WBC Analysis : Optical and impedance measurements.

RBC/PLT Analysis : Impedance method.

HGB Test : Cyanide free reagent colorimetry.

### REAGENTS.

Diluent, Sheath, Detergent, Lyse.

### TEST MODE.

Whole blood & prediluted

### SAMPLE VOLUME.

Whole blood : 20 µL, Prediluted : 20 µL

### THROUGHPUT.

60 samples per hour for whole blood and pre diluted mode

### APERTURE DIAMETER.

WBC 100 µm and RBC/PLT 68 µm

### ALARMS.

Error messages

### DATA STORAGE.

Up to 200 000 samples results with grams.

### DISPLAY.

10.4 Inch Touch Screen.

### DIMENSIONS & WEIGHT.

490 x 332 x 459 mm & 35 kg.

### POWER REQUIREMENT.

250 VA

