



EXCEED IN  
QUALITY AND  
PERFORMANCE



Auto Hematology Analyzer

- Type : Double Chamber
- Measuring time : 60sec/ Sample, 60T/ Hr
- Parameters : 20 parameters + 3 histograms
- Memory : 100,000 sample results
- Screen : 8 inch intuitive touch screen
- Sample Volume : 10 µL blood per test
- Reagents : 2 reagents
- Measuring Mode : Venous, prediluted and capillary mode
- Barcode : External Barcode for reagent & samples

Triscan Duo is the latest model in hematology analyzer's combining reliable hardware with intuitive software. For sure it is designed to be as a easy operation diagnostic system with convenient data communication interface & excellent performance. Since the very beginning, we understand the challenges of the lab of limited budget for reliable product, that is why triscan duo was developed & launched for you. Look forward to work together in a more economical & efficient way....

The Triscan way...



Auto Hematology Analyzer

## General Features

- Dual Chamber
- Throughput: 60T/H
- 8 inch touch screen
- 20 parameters + 3 histograms
- Sample volume: 10  $\mu$ L
- 2 reagents only
- 3 counting modes
- 100,000 sample results
- Support LIS and external printer
- Net weight: 19 Kg
- CE marked

## Technical Specifications

### Principle

Impedance for cell counting  
Cyanide-free method for HGB

### Parameters

WBC, Neu#, Lym#, Mid#, Neu%, Lym%, Mid%,  
RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD,  
RDW-CV, PLT, MPV, PDW, PCT, P-LCR

### Histograms

WBC, RBC, PLT histogram

### Languages

English

### Quality control

3 level QC, LJ graph

### Sample volume

Venous mode : 10  $\mu$ L  
Capillary mode : 10  $\mu$ L  
Prediluted mode : 20  $\mu$ L

### Display

8 inch color touch screen  
Liquid Crystal Display (LCD)  
Resolution: 800\*600

### Storage

100,000 sample results with histograms

### Reagent

Lyse(500ml) and Diluent(20L)

Note : Contents & Images on the Brochure  
could be different from actual Product

www.operonbiotech.com



Double Chamber Auto Hematology Analyzer

## Printout

Thermal Printer & Supports External Printer

## Temperature

18°C-35°C

## Power

AC 100-240V, 50/60 $\pm$ 1Hz

## Dimension

410mm $\times$ 435mm $\times$ 472mm

## Performance

### Precision

| Parameter | CV          |
|-----------|-------------|
| WBC       | $\leq$ 2.0% |
| RBC       | $\leq$ 1.9% |
| HGB       | $\leq$ 1.9% |
| MCV       | $\leq$ 0.4% |
| PLT       | $\leq$ 4.0% |

### Measurement range

| Parameter | Measurement range  | CV   |
|-----------|--|--|
| WBC       | (0-5.9 $\times$ 10 <sup>9</sup> )/L<br>(6.0-99.9 $\times$ 10 <sup>9</sup> )/L    | ( $\pm$ 0.3 $\times$ 10 <sup>9</sup> )/L<br>$\pm$ 5%   |
| RBC       | (0-0.99 $\times$ 10 <sup>12</sup> )/L<br>(1.0-9.99 $\times$ 10 <sup>12</sup> )/L | ( $\pm$ 0.05 $\times$ 10 <sup>12</sup> )/L<br>$\pm$ 5% |
| HGB       | (0-99.0)g/L<br>(100.0-300.0)g/L  | ( $\pm$ 2.0)g/L<br>$\pm$ 2%                            |
| PLT       | (0-99 $\times$ 10 <sup>9</sup> )/L<br>(100-999 $\times$ 10 <sup>9</sup> )/L      | ( $\pm$ 8.0 $\times$ 10 <sup>9</sup> )/L<br>$\pm$ 10%  |



## Operon Biotech and Healthcare

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