



DIAGNO CARE

*Innovation* —————  
*Breeds Excellence*



**DCH-5600**

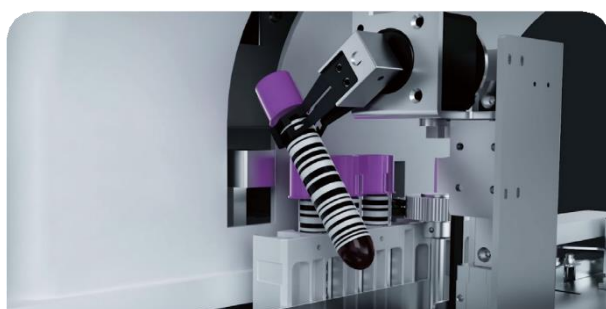
AUTOMATIC 5-Part HEMATOLOGY ANALYSER



## DCH-5600

### **Display Screen**

≥10.4 inch LCD display screen  
Able to display data and  
diagrams simultaneously



### **Automatic Sample Mixing Technology**

Eliminate error caused by manual mixing

### **Floating Threshold Technology**

The instrument uses floating threshold  
technology for cell differentiation

### **Autorotating Blood Collection Tube**

Automatic recognition of barcode without  
manual adjustment of barcode position

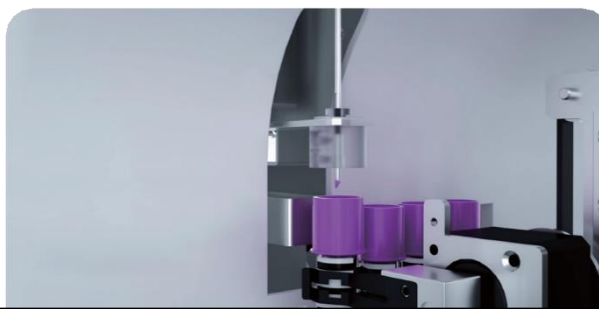
### **Mechanized Standard Sampling System**

Eliminate error caused by manual operation

### **Detection Technology**

Digital filter and linear regression

Automatic Hematology Analyzer  
(5-part differential)



## Automatic Puncture Sampling

Avoid aerosol. Ensure biosafety

- **Smallest Ruby Aperture  
in the Industry**

50  $\mu\text{m}$  diameter, unparalleled sensitivity

- **No Reagent Residue**

## Laser Scattering + Sheath Flow Technology

The instrument uses advanced laser scattering and sheath flow technology to measure blood cells

## Continuous Testing

No need to keep watching

- External Laser Printer Connectivity
- External Keyboard and Mouse Connectivity
- Bidirectional Connectivity of LIS and HIS
- Emergency Sample Position Available
- Storage capacity:  $\geq 100,000$  patient data  
Patient data can be searched, deleted, and printed out
- Closed testing system ensuring biosafety

# DCH-5600

## Technical Parameters

Automatic Hematology Analyzer  
(5-part differential)

### 25 Reportable Parameters

WBC、Lym#、Neu#、Mon#、Eos#、Bas#、  
Lym%、Mon%、Neu%、Eos%、Bas%、  
RBC、HGB、HCT、MCV、MCH、MCHC、  
RDW-SD、RDW-CV、PLT、MPV、PDW、  
PCT、P-LCR、P-LCC

### Sample Mode

Whole Blood (Venous/Capillary)  
Pre-dilution

### Reagents

1 Diluent and 2 Lyses

### QC Methods

L-J QC, X-B QC

### Screen Type

10.4 Inch Resistive Screen

### Dimension

705 mm × 670 mm × 570 mm (L x W x H)

### Principles

**White Blood Cell:** Laser Scattering +  
Sheath Flow Technology

**Red Blood Cell/Platelet:** Impedance  
Method

**Hemoglobin:** Photoelectric Colorimetry

### Sample Volume

Venous blood: 15  $\mu$ L

Capillary blood (Pre-dilution): 20  $\mu$ L

### Data Storage

100000

### Power Supply

100-240 V~ 50/60 Hz

### Operating Conditions

18~30°C,  $\leq$ 80% Relative Humidity,  
75 kPa~106 kPa

### Weight

30 kg



Manufactured for:

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