



**Test items**  
Biochemistry, Coagulation (PT, APTT, TT, FIB, D-Dimer)

**Testing principle**  
Colorimetric method, immunoturbidimetric method, coagulation method

**Analysis method**  
One-point endpoint method, two-point endpoint method, rate assay, two-point method, percentage method

**Quality control**  
Real-time, intra-day, inter-day QC, and L-J QC, Westgard multi-rule QC and twin plot could be viewed

**Calibration type**  
One-point linear, two-point linear, multi-point linear, double logarithmic multi-point linear, logit 4P, logit 5P, Exp 5P, spline function, Polynomial 5P, parabola

**Calibration method**  
RF card electronic calibration (closed items), manual calibration

**Test specimens**  
Serum, plasma, urine, cerebrospinal fluid

**Screen**  
7-inch color touch screen

**Minimum reaction volume**  
200 $\mu$ L (flow cell), 150 $\mu$ L (coagulation items)

**Wavelength**  
Eight wavelengths: 340, 405, 510, 546, 578, 600, 630, 660nm  
2 wavelengths are reserved for selection

**Optical system**  
Halogen lamp (6V 10W), narrow-band interference filter, front spectroscopy

**Volume**  
 $\leq 320\text{mm} \times 340\text{mm} \times 185\text{mm}$

**Weight**  
 $\leq 6\text{KG}$

**Power supply voltage**  
100-240VAC, 50-60HZ

**Input power**  
 $\leq 80\text{W}$

**Data storage**  
Patient information and 300 thousand test results

**Printer**  
Built-in thermal, supports external printer

**Interface**  
4 USB ports, one internet access

**Working environment**  
10 $^{\circ}$ C~35 $^{\circ}$ C 10%~85%, no condensation 70~106KPa

**Storage environment**  
-10 $^{\circ}$ C~40 $^{\circ}$ C 10%~93%, no condensation 50~106KPa

**Absorbance Range**  
0-3.2A

**Precision**  
0.0001Abs

**Absorbance repeatability**  
CV $\leq 1.0\%$

**Absorbance stability**  
 $\leq 0.005$



## DP-C16

Biochemistry + Coagulation  
Semi-automatic Biochemical Analyzer



10th Floor, Building B, High-tech Park, Guangqiao Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen 518107, P. R. China

+86-755-26008015

www.dymind.com

+86-755-26008015

marketing@dymind.com



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## DP-C16

Biochemistry + Coagulation Semi-automatic Biochemical Analyzer

### **Versatile, stable, simple, efficient, rapid testing solution**

Quantitatively analyze the chemical components in human samples with biochemical reagents to reflect the functions of the body and various organs and tissues, providing strong data for clinical diagnosis.

Complete the testing of coagulation including PT, APTT, TT, FIB and D-Dimer with coagulation reagents.

### Product Advantages

- Compact
- Electronic calibration (supports reagent closure)
- Multifunctional testing of coagulation (5 items) and biochemistry
- Multifunctional incubation sites
- Real-time heating temperature display of incubation pool and flow pool
- Real-time view of general system status
- Real-time view of the connection status with the LIS system and the printer
- Display of testing time

- Multiple languages (English, French, Russian, Portuguese, Spanish, Arabic, Ukrainian, German, etc.)
- Free to add and edit manual as well as calculation items
- Stores more than 300,000 records
- Storage and export of data logs
- Authority management function
- Malfunction alarm
- LIS two-way communication
- Internet access and USB interfaces
- Dymind-Cloud two-way communication

### **Multi-functional and multi-scenario to meet different clinical needs**



Small and medium-sized laboratories



Clinic



GP



Emergency department in hospital



Pediatrics department



Maternal and child health centers