



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

Principles
Colorimetric method, immunoturbidimetric method, optical method (coagulation)

Test samples
Serum, plasma, urine, cerebrospinal fluid

Analysis method
One point end assay, two point end assay, rate assay, two-point assay, percentage method

Quality control
Realtime QC, Daily QC, Cumulative QC, Levey-Jennings Control Chart, Multirule QC of Westgard Rules with twin plot supported

Calibration type
One point calibration, two point calibration, multipoint calibration, log-log multipoint calibration, logit 4P, logit 5P, Exp 5P, spline function calibration, Polynomial 5P, parabolic calibration

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

Absorbance Range
0-3.2A

Precision
0.0001Abs

Absorbance repeatability
CV≤1.0%

Absorbance stability
≤0.005

Screen
7-inch color touch screen

Minimum reaction volume
200μL (flow cell), 150μL (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, post spectrophotometry

Storage
Up to 300,000 records

Printout
Built-in thermal printer, compatible with multiple laser/inkjet printers

Interface
4 USB ports, 1 LAN port

Working environment
Temperature: 10 °C ~ 35 °C
Humidity: 10% ~ 85%, no condensation
Atmospheric pressure: 70.0kpa ~ 106.0kpa

Dimension
336mm(W)*182mm(H)*318mm(D)

Weight
≤6KG

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

Input power
120W

Storage environment
Temperature: -10 °C ~ 40 °C
Humidity: 10% ~ 93%, no condensation
Atmospheric pressure: 50.0kpa ~ 106.0kpa



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DP-C16

Semi-Auto Biochemistry Analyzer



DP-C16

Semi-Auto Biochemistry Analyzer

Versatile, stable, simple, efficient, rapid testing solution

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

Detecting coagulation items including PT, APTT, TT, FIB, and D-Dimer with coagulation reagents.

Product Advantages

Compact design

Electronic calibration (closed items)

Multifunctional testing for coagulation (5 items) and biochemistry analysis

Various incubators

Real-time display of temperature of incubator and flow cell

Real-time display of general system status

Real-time display of connection status with LIS system and printer

Real-time display of testing time

Multiple languages (English, French, Russian, Portuguese, Spanish, Arabic, Ukrainian, German, etc.)

Customized testing items supported

Store & export data logs

Storage up to 300,000 records

Authority management

Malfunction alarm

4 USB ports and 1 LAN port

Bilateral LIS communication

Bilateral Dymind-Cloud communication

Multiple functions and application scenarios to meet different clinical needs



Small and medium-sized laboratories



Clinic



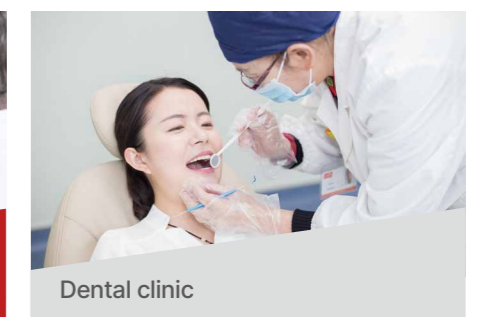
Maternal and child health centers



Emergency department in hospital



Pediatrics department



Dental clinic