

DRACA 200



FULLY AUTOMATED BIOCHEMISTRY ANALYZER

- **User friendly: Smart and easy-operating software**
- **Independent mixing probe**
- **Utility of reagents: 300ul/test**
- **Throughput: 200 tests/hour**
- **High Accuracy: Minimal operating/random errors**
- **Operation System: Windows 7 or Higher**



DRACA 200

Fully Automated Chemistry Analyzer

 **200** Test Per Hour

 **40** Sample Position

 **40** Reagent Position

TECHNICAL SPECIFICATION

Optimum calibration cuvette

40 sample position Reagent refrigerated function 40 reagent position.

Reaction Cuvette

60 disposable plastic cuvettes Automatic blank testing for cuvette. Calorimetric system in the pattern of light splitting behind cuvette. Dismountable, easily replacement.

Sample/Reagent Probe

Automatic liquid level detect. Collision protection function. Probe internal/external washing. Clot detection function.

7-Step Auto Cleaning System

Automatic 7-step washing. Hi-tech washing station to ensure accurate results. With low water consumption: 0,5 L/h

Intellective software

Automatic washing cuvette when startup & shut down. Automatic detect reagent volume during every startup. Reagent plate temperature detecting when startup.

Sample/Reagent Handling

- Sample volume: 2-50ul, 0.1 ul step
- Sample Dilution: automatic/Manual pre-dilution, with dilution ratio up to 1:20
- Reagent Position: 40 pcs (With refrigerated function, 2-8 °C)
- Reagent Volume: 10-300 ,0.1 ul step

Optimum calibration cuvette

- Automatic Cuvette blank testing
- Automatic wash selected
- Automatic washing cuvette when startup & shut down
- Automatic detect reagent volume during every startup
- Reagent plate temperature detecting when startup cuvettes

Working Condition

- Power Supply: ~100-240V, 50/60Hz <350W
- Temperature: 10-35C
- Humidity < 90%, no dew

Dynamic and Real-time display of running status

- Real-time online monitoring running status of sample tray, reagent tray and cuvette
- Real-time online monitoring reagents residual volume
- Real-time online monitoring waste volume

Automatic dilute and re-test

- Automatic dilute and re-test when absorbance range is out of range.
- Automatic dilute and re-test when linear limit is out of range
- Automatic dilute and re-test when linear range is out of range
- Freely set the auto dilute ratio and dilute water position.

System Functions

Analysis Method: End-point, kinetic, two-point, double-reagent, double-wavelength, multi-standard etc, open to various reagents.

Calibration

- Calibration: Linear/nonlinear multi-point calibration.
- Re-test: Retest the sample automatically when the result is out of the linearity range or the sample is not sufficient.

Reaction System

- Reaction Cuvette: 60 disposable plastic units
- Optical Length of cuvette: 5 mm
- Reaction Volume: 120~300 ul
- Reaction Time: 3-10 minutes
- Reaction Temperature: 37+0.1°C

Optical System

- Light Source: Halogen -tungsten lamp
- Wavelength: 340-700nm, 9 wavelengths, precision
- Absorbance Range: 0~3.0
- Abs Resolution: 0.0001 Abs
- Rear spectrophotometry

Input and Output

- Input : RS-232 interface /computer
- Output: printout



Genuine Biosystem Pvt Ltd


Factory


Plot No. 97 & 98, Kattabomman street, Parvathy Nagar extension, Old Perungalathur, Chennai 63, India .

Sales

Plot No.54, Kambar Street, 1st & 2nd Floor, Parvathy Nagar, Old Perungalathur, Chennai 600063, TN (India).

 sales@genuinebiosystem.com | export@genuinebiosystem.com

 +91 9003039750 | 9677126493 | 9677235540

 +91 – 44 - 48681845