



 vega360

NEXT-GEN ANALYSER

WITH ADVANCED FEATURES

- High Resolution 7" LCD Touch Screen
- Wide range of Filters - 340nm to 700nm
- User friendly software
- Comprehensive QC Management with L-J Chart
- Advanced interface 4 USB and 1 Ethernet



SYSTEM OVERVIEW

 vega360

Semi Automatic Biochemistry Analyser

Measurement Principle	: Photometry
User Interface	: 7" LCD full colour touch screen
Reading Modes	: Colorimetry, Immunoturbidimetry
Analytical Methods	: Absorbance, Endpoint, Fixed-time, Kinetic, Differential mode, with or without reagent blank, Monochromatic, Bichromatic
Sample Type	: Serum, Plasma, Whole Blood, Urine & CSF
Printer	: In-built thermal printer
Interface	: 4 USB ports, Ethernet
Programming	: Pre-set programs & >10000 user defined programs
Data Storage	: >10,00,000 test results

OPTICAL SYSTEM

Light source	: Tungsten - Halogen Lamp 12V
Wavelength	: 340nm to 700nm, 8 filters (340nm, 405nm, 505nm, 546nm, 578nm, 600nm, 630nm, 700nm)
Photometric Range	: - 0.2 to 3.5A
Digital Resolution	: 0.0001A for 2.0A

REACTION SYSTEM

Flow Cell	: 32 μ L Quartz
Path Length	: 10mm
Aspiration Volume	: 100 μ L - 5000 μ L
Temperature	: 25°C or 37°C, Accuracy $\pm$ 0.5°C

CALIBRATION

Factor, Calibrator, Multipoint Calibration
Types: Factor, One point, Two point, Multi-point, Linear, Non-Linear

QUALITY CONTROLS

3 level QC
Levey-Jennings control chart
Daily & Monthly QC with data archive

ENVIRONMENTAL CONDITIONS

Ambient Temperature	: 25°C - 30°C
Humidity	: 85%

DIMENSION

Size (HxWxD)	: 180mm x 245mm x 438mm
Weight	: 4.2kg
Power Requirements	: 100V to 230V, 50/60 Hz



BioSystems Diagnostics Pvt. Ltd.,

Plot No. A4, SIPCOT Industrial Park, Irungattukottai, Sriperumbudur, Tamil Nadu – 602105 India

 044-67121911/12/13/14

 support@biosystems.in

 www.biosystems.in