

# FULLY AUTO CLIA ANALYZER BI-2000

Automatic Chemiluminescence  
Immunoassay Analyzer



## TECHNICAL SPECIFICATION

### OVERVIEW

<b>Principle</b>	Enzymatic chemiluminescence or direct CLIA
<b>Throughput</b>	200T/h
<b>First Result</b>	≤ 12min (assay dependent)
<b>Walk Away Time</b>	3 hours

### POWER INFORMATION

<b>Power Requirement</b>	100-240V, 50/60Hz
<b>Power Input</b>	1000 VA
<b>Dimension</b>	1000(W)*670(D)*640(H)mm (control panel included)

### OPERATION ENVIRONMENT

<b>Operating Temperature</b>	10-30°C
<b>Humidity</b>	≤85%(non condensing)
<b>Altitude</b>	≤4000m

### SAMPLE ASSEMBLY

<b>Sample Feeder</b>	By sample racks
<b>Sample Position</b>	60 positions
<b>Sample Type</b>	Serum/Plasma/Urine/Wholeblood
<b>Sample Probe</b>	Single steel probe for both sample & reagent
<b>Sample Volume</b>	10-150μL
<b>Probe Detection</b>	Clot, bubble & liquid level detection
<b>Sample Tube</b>	Optional
<b>Carry over</b>	<10ppm
<b>Dilution function</b>	Automatic dilution
<b>Code reading method</b>	Support multiple barcode reading methods

### REAGENT ASSEMBLY

<b>Reagent Feeder</b>	By reagent Disks
<b>Reagent Position</b>	25 positions
<b>Cooling System</b>	2~8°C
<b>Anti-evaporation Control</b>	Self-sealing
<b>Reagent Mixing</b>	Non-touchrotary mixing for magnetic particles
<b>Reagent Volume</b>	10~200μL
<b>Reagent Type</b>	100% ready-to-use liquid reagents
<b>Calibration Mode</b>	Optional

### REACTION SYSTEM

<b>Reaction Volume/Test</b>	≤400μL
<b>Reaction Disk</b>	90 positions
<b>Reaction Temperature</b>	37±0.3°C
<b>Reaction Time</b>	Depending on assays
<b>Reaction Mixing</b>	Non-touch vortex mixing

### ACCESSORIES & CONSUMABLES

<b>Assay Cup Loading</b>	500 cups, continuous loading and offloading
<b>Substrate Loading</b>	Up to 2 bottles
<b>Wash Buffer</b>	10L/bottle
<b>Solid Waste</b>	500 assay cups per container
<b>Liquid Waste</b>	1 barrel, for collecting waste liquid of the whole machine
<b>Substrate Loading</b>	2 bottles to load continuously during test

### PHYSICAL INFORMATION

<b>Construction</b>	Desktop
<b>Weight</b>	≤ 62kg