



FULLY AUTO CLIA ANALYZER BI-1000

Automatic Chemiluminescence
Immunoassay Analyzer

TECHNICAL SPECIFICATION

OVERVIEW

Principle	Enzymatic chemiluminescence or direct CLIA
Throughput	120T/h
First Result	≤ 12min (assay dependent)
Walk Away Time	3 hours

POWER INFORMATION

Power Requirement	100-240V, 50/60Hz
Power Input	850 VA
Dimension	430(W)*680(D)*620(H)mm (control panel included)

OPERATION ENVIRONMENT

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

SAMPLE ASSEMBLY

Sample Feeder	By sample racks
Sample Position	30 positions
Sample Type	Serum/Plasma/Urine/Wholeblood
Sample Probe	Single steel probe for both sample & reagent
Sample Volume	10-150μL
Probe Detection	Clot, bubble & liquid level detection
Sample Tube	Optional
Carry over	<10ppm
Dilution function	Automatic dilution
Code reading method	Support multiple barcode reading methods

REAGENT ASSEMBLY

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

REACTION SYSTEM

Reaction Volume/Test	≤400μL
Reaction Disk	52 positions
Reaction Temperature	37±0.3°C
Reaction Time	Depending on assays
Reaction Mixing	Non-touch vortex mixing

ACCESSORIES & CONSUMABLES

Assay Cup Loading	200 cups, continuous loading and offloading
Substrate Loading	Up to 2 bottles
Wash Buffer	10L/bottle
Solid Waste	200 assay cups per container
Liquid Waste	1 barrel, for collecting waste liquid of the whole machine

PHYSICAL INFORMATION

Construction	Desktop
Weight	≤ 62kg