



AUTO CHEMISTRY ANALYZER

AUTO CHEMISTRY ANALYZER BEM2I1

SEMI-AUTO CHEMISTRY ANALYZER

A semi-automatic biochemistry analyzer is a microcomputer-based in-vitro diagnostics instrument uniting optics, mechanics, and automation control in one. It is used together with the related reagents for the quantitative determination of biochemical items, widely applied to various hospitals and research institutes, with the characteristics of high precision, excellent repeatability, and complete function.



1. 7.0 inch LCD touch screen, graphical interface is easy to use.
2. Large memory space, can store 300 test items, 20, 000 test results.
3. Built-in thermal printer to print measurement results and flag abnormal results.
4. Incubator intelligent temperature control, room temperature, 25.0°C, 30.0°C, 37.0°C four temperature options.

SPECIFICATIONS

Model	BEM2I1
Old Model	BANA-806
Sample Type	Serum, Plasma, Urine, Cerebrospinal fluid, etc
Analytical Method	End point method, Fixed time method(two-point method), Dynamic method(rate method)
Incubating Positions	20 incubating positions
Incubator Temperature	R.T. 25°C, 30°C, 37°C, four temperature options
Cuvette	Flow through a direct-reading cuvette
Wavelength	Wavelength 340/405/450/510/546/578/630nm, 2 more open filter positions
Wavelength Accuracy	±2nm
Screen	7.0 inch LCD touch screen
Language	English, French, Spanish, other languages can be customized
Printer	Built-in thermal printer
Interface	RS-232, USB
Consumption	150VA
Power Supply	AC110/220V±10%, 60/50Hz
External Size(W*D*H)	400*410*190mm
Packing Size(W*D*H)	520*490*330mm
Net Weight	9kg
Gross Weight	12kg
Alt Name	Semi-auto Chemistry Analyzer



AUTO CHEMISTRY ANALYZER BEM2BZ1

AUTO CHEMISTRY ANALYZER



1. 37 sample positions.
 2. 28 reagent positions.
 3. 48 reaction cuvettes.
 4. 200 tests per hour.
 5. Probe with anti-collision function, liquid level detection function.
- Overall Appearance:
 One probe for reagents and samples;
 One mixer; Washing probe.
 Reaction Tray
 37±0.2°C, real-time monitor.
 Sample & Reagent Probe
 Liquid level sensor function. Anti-collision function. Reagent volume real-time

SPECIFICATIONS

Model	BEM2BZ1
Old Model	BANA-801
Throughput	200 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certificates	CE, FDA, ISO9001, ISO13485
Sample Positions	37 sample positions
Reagent Positions	28 reagent positions
Sample Volume	2-70µl
Reagent Volume	20-350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	37±0.2°C
Cuvettes	48 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Light Source	6V/10W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 510, 546, 578, 630, 700nm
Absorbance	0~3.0Abs
Calibration	Linear: K factor, 1-point, 2-point and multipoint linear Non-Linear: Spline, Polygon, Logit-4P, Logit-5P
Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check, Twin Plot(2D), Daily QC, Monthly QC
Software	Windows 7/8/10, 32 or 64 bit
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Printer	External optional, multiple reporting mode available
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 300W
Temperature	15~30°C
Water Consumption	Deionized water: < 5L/H
Humidity	40%~85%

External Size (W*D*H)	625*425*460mm
Net Weight	36kg
Package Size (W*D*H)	750*560*900mm
Gross Weight	55kg
Alt Name	Auto Chemistry Analyzer

FEATURES

1. 37 sample positions.
2. 28 reagent positions.
3. 48 reaction cuvettes.
4. 200 tests per hour.
5. Probe with anti-collision function, liquid level detection function.



Overall Appearance:
One probe for reagents and samples;
One mixer; Washing probe.



Reaction Tray
 $37 \pm 0.2^\circ\text{C}$, real-time monitor.



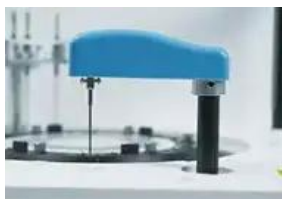
Sample & Reagent Probe
Liquid level sensor function. Anti-collision function. Reagent volume real-time detection.



Washing Probe
Independent 3-step washing system.



Reagent Tray
Refrigerated tray with independent switch.



Mixer Probe
Teflon coating to avoid cross contamination.



Independent Power Switch

APPLICATIONS

It is used to quantitatively analyze the clinical chemistry of human serum, plasma, urine, cerebrospinal fluid and other samples. Do not use it for other purposes.

AUTO CHEMISTRY ANALYZER BEM2CA1

AUTO CHEMISTRY ANALYZER



1. 49 sample positions.
 2. 56 reagent positions.
 3. 120 reaction cuvettes.
 4. 200 tests per hour.
 5. Probe with anti-collision function, liquid level detection function.
- Reaction Tray
37±0.1°C, real-time monitor.
- Reagent Tray
2~8°C cooling for 24 hours.
- Software
User-friendly software.
- Mixer Probe

SPECIFICATIONS

Model	BEM2CA1
Old Model	BANA-802
Throughput	200 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certificates	CE, FDA, ISO9001, ISO13485

Sample Positions	49 sample positions
Reagent Positions	56 reagent positions
Sample Volume	2-70µl
Reagent Volume	20-350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	37±0.2°C
Cuvettes	120 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Light Source	12V/30W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Absorbance	0~3.0Abs
Calibration	Linear: K factor, 1-point, 2-point and multipoint linear; Non-Linear: Spline, Polygon, Logit-4P, Logit-5P
Quality Control	Real-time QC, Westgard multi rule, Cumulative sum check, Twin Plot(2D), Daily QC, Monthly QC
Software	Windows 7/8/10, 32 or 64 bit
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Printer	External optional, multiple reporting mode available
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 300W
Temperature	15~30°C
Water Consumption	Deionized water: 5L/H
Humidity	40%~85%
External Size (W*D*H)	950*600*515mm
Net Weight	75kg
Package Size (W*D*H)	1130*735*1040mm
Gross Weight	135kg
Alt Name	Auto Chemistry Analyzer

FEATURES

1. 49 sample positions.
2. 56 reagent positions.
3. 120 reaction cuvettes.
4. 200 tests per hour.
5. Probe with anti-collision function, liquid level detection function.



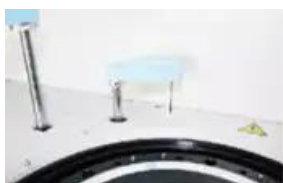
Reaction Tray
37±0.1°C, real-time monitor.



Reagent Tray
2~8°C cooling for 24 hours.



Software
User-friendly software.



Mixer Probe
Teflon coating to avoid cross contamination.



Sample Needle
Liquid level sensor function. Anti-collision function. Reagent volume real-time detection.



Washing Probe
Independent 4-step washing system.

APPLICATIONS

It is used to quantitatively analyze the clinical chemistry of human serum, plasma, urine, cerebrospinal fluid and other samples. Do not use for other purposes.

AUTO CHEMISTRY ANALYZER BEM2CB1

AUTO CHEMISTRY ANALYZER



1. 400 tests per hour.
 2. 90 reagent positions.
 3. 120 reaction cuvettes.
 4. Built-in sample barcode system optional.
 5. 60 sample positions(90 sample positions optional).
 6. Probe with anti-collision function, liquid level detection function.
- Reaction Tray
37±0.1°C, real-time monitor.
- Mixer Probe
Teflon coating to avoid cross contamination.
- Reagent Tray
2~8°C cooling for 24 hours.

SPECIFICATIONS

Model	BEM2CB1
Old Model	BANA-803
Throughput	400 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certification	CE, FDA, ISO9001, ISO13485
Sample Positions	60 or 90 sample positions, built-in barcode system available
Reagent Positions	90 refrigerated reagent positions
Sample Volume	1~70µl
Reagent Volume	10~350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	2~8°C
Temperature Control	37±0.1°C
Cuvettes	120 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Light Source	12V/20W halogen-tungsten lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Absorbance	0~3.5Abs
Calibration	Linear: K factor, 1-point, 2-point and multipoint linear; Non-Linear: Spline, Polygon, Logit-4P, Logit-5P
Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check, Twin Plot(2D), Daily QC, Monthly QC
Software	Windows 7/8/10, 32 or 64 bit
LIS System	Bi-direction, support HL7 protocol
Interface	TCP/IP network interface
Printer	External optional, multiple reporting mode available
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 500W
Temperature	15~30°C
Water Consumption	Deionized water: <12L/h
Humidity	40%~85%

External Size (W*D*H)	1170*775*1145mm
Net Weight	190kg
Package Size (W*D*H)	1358*935*1387mm
Gross Weight	255kg
Alt Name	Auto Chemistry Analyzer

FEATURES

1. 400 tests per hour.
2. 90 reagent positions.
3. 120 reaction cuvettes.
4. Built-in sample barcode system optional.
5. 60 sample positions(90 sample positions optional).
6. Probe with anti-collision function, liquid level detection function.



Reaction Tray
37±0.1°C, real-time monitor.



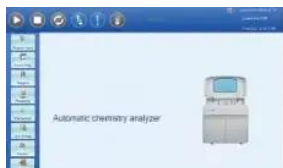
Mixer Probe
Teflon coating to avoid cross contamination.



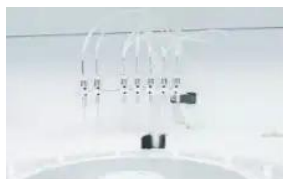
Reagent Tray
2~8°C cooling for 24 hours.



Sample Probe
Liquid level sensor function. Anti-collision function. Sample volume real-time detection.



Software
User-friendly software.



Washing Probe
Independent 7-step washing system.

APPLICATIONS

It is used to quantitatively analyze the clinical chemistry of human serum, plasma, urine, cerebrospinal fluid and other samples. Do not use for other purposes.

AUTO CHEMISTRY ANALYZER BEM2CC1

AUTO CHEMISTRY ANALYZER



1. 600 tests per hour.
 2. 120 reaction cuvettes.
 3. 180 refrigerated reagent positions.
 4. Built-in sample barcode system optional.
 5. 90 sample positions (120 sample positions optional).
 6. Probe with anti-collision function, liquid level detection function.
- Reaction Tray
37±0.1°C, real-time monitor.
- Mixer Probe
Teflon coating to avoid cross contamination.
- Reagent Tray
2~8°C cooling for 24 hours.

SPECIFICATIONS

Model	BEM2CC1
Old Model	BANA-804
Throughput	600 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certification	CE, FDA, ISO9001, ISO13485
Sample Positions	90 sample positions, built-in barcode system available
Reagent Positions	180 refrigerated reagent positions (R1: 90 & R2: 90)
Sample Volume	1~70µl
Reagent Volume	10~350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	2~8°C
Temperature Control	37±0.1°C, real-time monitoring

Cuvettes	120 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Light Source	12V/20W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Absorbance	0~3.5Abs
Calibration	1-point, 2-point and multipoint, factor, Spline, Logit-4P, Logit-5P, Polygon
Quality Control	Inserting quality control at random
Software	Windows 7/8/10
LIS System	Available
Interface	TCP/IP network interface
Printer	External optional, multiple reporting mode available
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 800VA
Temperature	15~30°C
Water Consumption	Deionized water: 20L/H
Humidity	40%~85%
External Size (W*D*H)	1170*775*1145mm
Net Weight	216kg
Package Size (W*D*H)	1358*938*1387mm
Gross Weight	281kg
Accessory Package Size	550*430*860mm
Accessory Gross Weight	20kg
Alt Name	Auto Chemistry Analyzer

FEATURES

1. 600 tests per hour.
2. 120 reaction cuvettes.
3. 180 refrigerated reagent positions.
4. Built-in sample barcode system optional.
5. 90 sample positions (120 sample positions optional).
6. Probe with anti-collision function, liquid level detection function.



Reaction Tray
37±0.1°C, real-time monitor.



Mixer Probe
Teflon coating to avoid cross contamination.



Reagent Tray
2~8°C cooling for 24 hours.



Sample Probe
Liquid level sensor function. Anti-collision function. Sample volume real-time detection.



Software
User-friendly software.



Washing Probe
Independent 7-step washing system.

APPLICATIONS

It is used to quantitatively analyze the clinical chemistry of human serum, plasma, urine, cerebrospinal fluid and other samples. Do not use for other purposes.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com