

# Global 240

## BPC GLOBAL 240

Automated Biochemistry Analyser. Flexible and Compact  
240 tests per hour (+480 tests per hour with ISE)



### Users: Medium-sized laboratories or back-up

Optimized for 25 to 80 patients per day<sup>1</sup>

Since 2008, hundreds of GLOBAL 240 units have been installed worldwide. It is therefore more than 10 years of experience and user feedback that have allowed us, over time, significantly increase the performance and reputation of our systems. Designed especially for medium-sized laboratories, the GLOBAL 240 guarantees the best performance.

### Description

With 240 tests per hour, the GLOBAL 240 is the best-seller of the BIOLABO Group. A new version of barcode readers for samples and reagents was developed in 2020 and completes the range of reagents in barcode containers, dedicated to the GLOBAL 240.

The GLOBAL 240 is also available with an independent ISE module (GLOBAL 720) offering 480 tests per hour additional (for analysis of Sodium, Potassium, Chloride and Lithium).

Being ready to start at any time (no start or stop procedure), giving one less result of 2 minutes and allowing the addition of urgent samples at any time and in any position, the GLOBAL 240 is known for its great flexibility.

### Certifications

Like all of the BIOLABO Group's products, the GLOBAL 240 is ISO 9001, ISO 13485 certified and has CE marking.

All performance validations and technical files were carried out in our 3 laboratories as well as in an independent university laboratory, based in Italy, in correlation with competing analysers and on patient samples.

<sup>1</sup>Assessment on the basis of 10 parameters per patient for a laboratory carrying out biochemical analyzes over a 4-hour window. The number of patients per day can be considerably increased for a laboratory performing analyses more than 4 hours per day.

## Dedicated & Barre-coded Reagents

	Parameter	Reference
Substrats	URIC ACID	G2501
	ALBUMINE	G2002
	DIRECT BILIRUBIN	G2553
	TOTAL BILIRUBIN	G2443
	CHOLESTEROL	G2106
	CHOLESTEROL-HDL + Calibrator	G2206
	CHOLESTEROL-LDL	G2416
	CREATININE	G2107
	GLUCOSE	G2209
	TOTAL PROTEINS	G2016
	U.S. PROTEINS	G2017
	TRIGLYCERIDES	G2519
	UREA	G2532
Enzyme	AMYLASE	G2523
	ALT / TGP	G2507
	AST / TGO	G2505
	CK-NAC	G2207
	CK-MB + Calibrator	G2217
	GAMMA GT	G2110
	L.D.H.	G2011
	PAL	G2214
Electrolytes	CALCIUM	G2004
	MAGNESIUM	G2212
	PHOSPHOROUS	G2015
	IRON	G2108
	CHLORURIDES	G2005
	POTASSIUM	G2084
	SODIUM	G2085
Specific Proteins	CRP	Coming Soon
	HbA1c	Coming Soon

### Features

- 100% barcode solution (Option)
- Range of reagents in barcode containers
- No procedure for start or stop
- 240 routine tests per hour
- 50 reusable bowls
- Refrigerated reagent rack
- Easier STAT management
- Internal and external washing of the needle
- Management of incompatibilities
- QC management on up to 10 levels
- Management of polluting reagents
- PRE and POST very dilution accurate to 1:50

### Advantage

- No manipulation, Easy LIS communication
- Cup adapter allowing to obtain a dead volume close to 0
- 240 tests per hour from the first series
- Real cadence, from the first series
- Simplified maintenance and economic
- Reagents stay on board continually
- In any position, anytime
- No contamination possible
- No interference between reagents
- Use of specific controls for testing
- Easy optical reading
- Real dilution in the bowl in stoichiometric ratio

### Benefit

- Save time, secure processes
- Low cost per test, no loss of reagent, better return on investment
- Time saving
- Offers the best cadence while remaining compact, 1st result in less than 2 minutes
- Very low water consumption, savings
- Always ready to go, no procedure at the end of the routine
- Great flexibility and responsiveness for the emergencies
- Reliability of results, reduction the number of passes
- Actual results, without overestimates due to cross reactions between substrates
- Analyses on coherent substrates
- Long-lasting reaction cuvettes
- Very positive samples with a high analytical precision



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