

Global 4500DR

BPC GLOBAL 4500DR

Automatic Biochemistry Analyser. Flexible and Compact
420 tests per hour (+480 tests per hour with ISE)



Users: Medium to large laboratories

Optimized for 80 to 150 patients per day¹

Description

The GLOBAL 4500DR is the largest capacity system from BIOLABO Group.

This analyser is suitable for medium to large laboratories. With 60 positions for reagents and 98 positions for samples, calibrators and controls, the GLOBAL 4500DR is capable of achieving up to 14,000 tests without any user action.

Thanks to its great flexibility, the GLOBAL 4500DR has nothing to envy to the analysers offering 600 tests per hour. Indeed, internal comparisons showing that the GLOBAL 4500DR is capable of giving results of 300 tests as quickly.

The GLOBAL 4500DR is equipped with a level detector and a shock detector and offers two positions dedicated for washing solutions.

Certifications

Like all BIOLABO Group products, the GLOBAL 4500DR 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.

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

Dedicated & Barcode reagents

	Parameter	Reference
Substrats	URIC ACID	G4501
	ALBUMIN	G2002
	DIRECT BILIRUBIN	G4553
	TOTAL BILIRUBINE	G4443
	CHOLESTEROL	G2106
	CHOLESTEROL-HDL + Calibrator	G4206
	LDL CHOLESTEROL	G4416
	CREATININ	G2107
	GLUCOSE	G2209
	TOTAL PROTEINS	G2016
	U.S. PROTEINS	G4017
	TRIGLYCERIDES	G2519
	UREA	G4532
Enzyme	AMYLASE	G4523
	ALT / TGP	G4507
	AST / TGO	G4505
	CK-NAC	G4207
	CK-MB + Calibrator	G4217
	GAMMA GT	G4110
	L.D.H.	G4011
	PAL	G4214
Electrolytes	CALCIUM	G2004
	MAGNESIUM	G2212
	MATCH	G2015
	IRON	G4108
	CHLORIDES	G2005
Specifics Proteins	CRP	Coming Soon
	HbA1c	Coming Soon

All reagents dedicated to GLOBAL 4500DR can also be used on GLOBAL 240!

Feature

- 100% barcode solution (Option)
- Range of reagents in barcode containers
- No procedure for start or stop
- Large reactive capacity and samples
- 50 reusable bowls
- Refrigerated reagent rack
- Easier STAT management
- Internal and external washing of the needle

Advantage

- No manipulation, Easy LIS communication
- Cup adapter allowing to obtain a dead volume close to 0
- 420 tests per hour from the first series
- Up to 60 parameters on board and 98 samples
- Simplified maintenance and economic
- Reagents stay on board continually
- In any position, anytime
- No contamination possible

Profit

- Save time, secure processes
- Low cost per test, no loss of reagent, better return on investment
- Capacities comparable to those of a given analyzer for 600 tests per hour
- Up to 14,000 tests without user action
- Very low consumption water, savings
- Always ready to go, no procedure at the end of the routine
- Great flexibility and responsiveness for emergencies
- Reliability of results, reduction the number of passes



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