

# KENZA 450 TX

BIOLABO KENZA 450 TX

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 day<sup>1</sup>

## Description

The KENZA 450 TX 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 KENZA 450 TX is capable of achieving up to 14,000 tests without any user action.

Thanks to its great flexibility, the KENZA 450 TX has nothing to envy to the analysers offering 600 tests per hour. Indeed, internal comparisons showing that the KENZA 450 TX is capable of giving results of 300 tests as quickly.

The KENZA 450 TX 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 KENZA 450 TX 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 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	K4501
	ALBUMIN	K2002
	DIRECT BILIRUBIN	K4553
	TOTAL BILIRUBINE	K4443
	CHOLESTEROL	K2106
	CHOLESTEROL-HDL + Calibrator	K4206
	LDL CHOLESTEROL	K4416
	CREATININ	K2107
	GLUCOSE	K2209
	TOTAL PROTEINS	K2016
	U.S. PROTEINS	K4017
	TRIGLYCERIDES	K2519
	UREA	K4532
Enzyme	AMYLASE	K4523
	ALT / TGP	K4507
	AST / TGO	K4505
	CK-NAC	K4207
	CK-MB + Calibrator	K4217
	GAMMA GT	K4110
	L.D.H.	K4011
	PAL	K4214
Electrolytes	CALCIUM	K2004
	MAGNESIUM	K2212
	MATCH	K2015
	IRON	K4108
	CHLORIDES	K2005
Specifics Proteins	CRP	Coming Soon
	HbA1c	Coming Soon

All reagents dedicated to KENZA 450 TX can also be used on KENZA 240 TX!

### 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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