



# BIOLABO KENZA analysers range



The answer to all the regulatory requirements, whatever is your daily number of patients or your field of activity: veterinary, human biology, industry, agri-food, industry, or any other specific fields.

Discover our preset and pre-validated solutions Barcoded Reagents + Automated Analyser.

Our validation and performances folders, based on CLSI protocols, are available. Please contact: [commercial@biolabo.fr](mailto:commercial@biolabo.fr)

## Users

KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
<p>Less than 50 patients per day.</p> <p>Small to medium laboratories.</p> <p>Satellite or peripheral laboratories, dispensaries, clinics, doctor's office, etc...</p> <p>Back up of bigger analysers.</p> <p>Optimized for human and veterinary biology.</p>	<p>From 25 to 80 patients per day.</p> <p>Small to medium laboratories.</p> <p>Satellite or peripheral laboratories, dispensaries, clinics, doctor's office, etc...</p> <p>Optimized for human and veterinary biology.</p>	<p>80 to 150 patients per day.</p> <p>Hospitals, clinics, medium to big laboratories, etc...</p> <p>Optimized for human and veterinary biology</p>	<p>Number of patients calculated on the basis of 10 parameters per patient and 4 working hours / day.</p> <p>An analyser for every need whatever is your field of activity and the size of the laboratory.</p> <p>Our solutions Analysers + Reagents meet the stricter international requirements!</p>



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# BIOLABO KENZA analysers range

## General features

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Throughput (tests / hour)	100	240	450	Theoretical maximum throughput
Mixed throughput (tests / hour)	80	240	420	Mixed throughput, whatever is the parameter or the analysis method
ISE module	No	Optional		Independent ISE Module, +480 tests per hour
Barcode reader	Yes	Yes (Optional)		Easy connection to your LIS, 100% barcoded solution, time-saving and less handling
Water consumption (L / h)	2 L	2 L	3 L	Among the lowest on the market, including the consumption of the washing-station: Cost-saving, easy-to-use, even in arid areas.
Open / Close	O/F	O		<b>NEW KENZA One:</b> Close System: leave the choice to users The KENZA 240 TX and KENZA 450 TX offer the same feature thanks to their optional barcode readers
Start up time (min)	2,5	2	3	Necessary time for the 1st start of the analyser: 1st result in less than 2 minutes on the KENZA 240TX!
Cycle time (s)	31	16	8	Optimized to guarantee a real throughput close to the maximal one.
Conformity	All European and International regulations Performance folders based on CLSI protocols, CE, ISO 9001:2015 and ISO 13485:2016			Whatever is your field of activity : human biology, veterinary, agri-food, industries, etc...  Our KENZA + Dedicated reagents solutions are pre-set and pre-validated to meet all international regulations.

## Reagents

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Dedicated reagents	Complete range of barcoded & dedicated reagents  Pre-set of the analyser  Reagents 100% validated for use on the KENZA			All validation and performances folders, showing the high analytical quality of our reagents and analysers, are available.  Serenely focus on your medical biology results while guaranteeing reliable results!

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## Reagents

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Reagents positions	23	30 (max 60)	60 (max 120)	Number of positions optimized according to the analyser's throughput
Refrigeration 24/7	Yes, even when the analyser is turned off			Your reagents can stay on board 24/7 while keeping their performances and stability
Level detector	Yes			Detection of the remaining volumes, automatic calculation of the remaining number of tests
Shock detector	Yes	No	Yes	Needle protection
Preheater	Yes			Reduced incubation time in the cuvette to ensure the best throughput

## Samples

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Sample, calibrator and control positions	12	50	98	Continuous loading
STAT	Any position, any time			Guaranteed flexibility: Add STAT samples at any time, on any position!
Mixer	Integrated (mechanical + sip / dip)	Integrated (sip / dip)		NEW KENZA One: Mechanical mixing by the needle
Needle wash	Internal, external, permanent			No possible contamination
LSM system	Yes	No	No	NEW KENZA One: LED Sample Management: Your sample positions are always available and the sample status is apparent at a glance (Waiting for collection, collected, finished)
Primary tubes	Yes			No sample preparation required

## Reaction part

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Cuvettes	50			
Washing station	Yes			Optimized washing performance and low maintenance
Washing	Warm water	Water		NEW KENZA One: Warm water washing system
Minimum reaction volume	220			Low reaction volume: Optimized reagents consumption, suitable for low volume samples
Optical System	Direct	Optical fiber		NEW KENZA One: No optical fiber, direct light transmission!
Lamp	Halogen			



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## Connectivity

Analyser	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
LIS	Several communication protocols (xlm, CSV, Real-time, etc..)			Our engineers support you to link the KENZA to your LIS
User interface	New multilingual version Optimized for touch screen	Intuitive Multilingual Optimized for touch screen		<b>NEW KENZA One:</b> Intuitive interface, only 3 clicks to start the routine

## Dimensions

Analysers	KENZA ONE	KENZA 240 TX	KENZA 450 TX	Comments
Dimensions W x D x H	67 x 47 x 58 cm	80 x 75 x 50 cm	122 x 88 x 96,5 cm	All KENZA analysers are Benchtop compact systems which can be installed in any laboratory!
Weight	38 Kg	60 Kg	124 Kg	

## Available parameters

<ul style="list-style-type: none"> <li>• Uric Acid</li> <li>• Albumin</li> <li>• GOT</li> <li>• Amylase</li> <li>• GPT</li> <li>• Direct Bilirubin</li> <li>• Total Bilirubin</li> <li>• HbA1c *</li> <li>• CRP *</li> </ul> <p>* Launch 2021</p>	<ul style="list-style-type: none"> <li>• Calcium</li> <li>• Chlorides</li> <li>• Cholesterol</li> <li>• HDL-Cholesterol</li> <li>• LDL-Cholesterol</li> <li>• CK-MB</li> <li>• CK-NAC</li> <li>• ASLO *</li> <li>• RF *</li> </ul>	<ul style="list-style-type: none"> <li>• Creatinine</li> <li>• Iron</li> <li>• Gamma-GT</li> <li>• Glucose</li> <li>• LDH</li> <li>• Magnesium</li> <li>• Alkaline Phosphatase</li> <li>• Enzymatic Creatinine *</li> <li>• D-Dimers *</li> </ul>	<ul style="list-style-type: none"> <li>• Phosphorus</li> <li>• Potassium</li> <li>• Total Proteins</li> <li>• US Proteins</li> <li>• Sodium</li> <li>• Triglycerides</li> <li>• Urea</li> <li>• Transferrin *</li> <li>• Ferritin *</li> </ul>
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Complete range of calibrators and controls traceable on SRM



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